medley Farm
2.2
Compatability TEST
3626-4000

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3626 SAMPLE # _____

ANALYST NE DATE 7/7/93

SAMPLE DESCRIPTION: white solid

LAYERING: none

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 215

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I5

10294220

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3627 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: White sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 266

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge,

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH ≥5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3629 SAMPLE # _____

ANALYST AE DATE 7/7/83

SAMPLE DESCRIPTION: white solid

LAYERING: none

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 215

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3630 SAMPLE # _____

ANALYST AC DATE 7/7/87

SAMPLE DESCRIPTION: white/yellow solid

LAYERING: None

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	IO		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 215

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I3

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3632 SAMPLE # _____

ANALYST NC DATE 7/7/89

SAMPLE DESCRIPTION: gray/white solid

LAYERING: none

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 215

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3633 SAMPLE # _____

ANALYST AE DATE 7/7/83

SAMPLE DESCRIPTION: yellow / brown solid

LAYERING: none

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 215

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: TS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3634 SAMPLE # _____

ANALYST H. Favre DATE 7-9-83

SAMPLE DESCRIPTION: Cloth-like Sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I		
	Hexane	I		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 259

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3635 SAMPLE # _____

ANALYST AE DATE 7/7/83

SAMPLE DESCRIPTION: brown solid

LAYERING: none

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I O		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 215

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3636 SAMPLE # _____

ANALYST [illegible] DATE 7/7/93

SAMPLE DESCRIPTION: brown/yellow solid

LAYERING: none

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 215

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3637 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Yellow-brown sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 257

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3638 SAMPLE # _____

ANALYST [redacted] DC DATE 7/7/83

SAMPLE DESCRIPTION: white/yellow solid

LAYERING: none

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	IO		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 2165

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3639 SAMPLE # _____

ANALYST DC DATE 7/7/83

SAMPLE DESCRIPTION: white solid

LAYERING: none

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I O		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 215

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I3

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3640 SAMPLE # _____

ANALYST AC DATE 7/7/83

SAMPLE DESCRIPTION: gauze

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 239

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3641 SAMPLE # _____

ANALYST AC DATE 7/7/89

SAMPLE DESCRIPTION: gray / white solid

LAYERING: none

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I O		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 215

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I S

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - $\sim$1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3642 SAMPLE # _____

ANALYST AC DATE 7/7/93

SAMPLE DESCRIPTION: brown solid

LAYERING: none

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 215

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I3

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3644 SAMPLE # _____

ANALYST AC DATE 7/7/83

SAMPLE DESCRIPTION: gray/black solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I O		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 218

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3644 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Charred white sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	IOX		
	Hexane	+		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 267

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3645 SAMPLE # _____

ANALYST H. Faure DATE 7-7-83

SAMPLE DESCRIPTION: Dark blue liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	SS		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide

Bielstien POS

Flammability: F.P. >60°C

Bielsteine

PCB Screen Comp # 228

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES:

COMPATABILITY CATEGORY: BW

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3646 SAMPLE # _____

ANALYST AE DATE 7/8/83

SAMPLE DESCRIPTION: dark liquid

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 237

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3647 SAMPLE # _____

ANALYST AC DATE 7/7/83

SAMPLE DESCRIPTION: brown solid

LAYERING: none

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 218

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I3

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3648 SAMPLE # _____

ANALYST [illegible] DATE 7/7/83

SAMPLE DESCRIPTION: white/yellow solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	IO		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 218

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3648 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: White + orange sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 266

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide NP

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: ~~IS~~

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3649 SAMPLE # _____

ANALYST H. Favre DATE 7-9-83

SAMPLE DESCRIPTION: Nitrite sol.

LAYERING: /

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 275

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: S

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - $\sim$1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3651 SAMPLE # _____

ANALYST [illegible] DATE 7/7/83

SAMPLE DESCRIPTION: yellow/brown solid.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen: Comp # 243

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 25

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3652 SAMPLE # _____

ANALYST AG DATE 7/7/83

SAMPLE DESCRIPTION: white solid

LAYERING: (

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 239

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test
Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3654 SAMPLE # _____

ANALYST H Faure DATE 7-7-83

SAMPLE DESCRIPTION: white, runny sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien pos

Flammability: F.P. >60°C

Bielsteine _____

PCB Screen Comp # 232

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test
Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3655 SAMPLE # _____

ANALYST AG DATE 7/7/83

SAMPLE DESCRIPTION: gauze / brown solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 243

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test
Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3656 SAMPLE # _____

ANALYST DC DATE 7/7/83

SAMPLE DESCRIPTION: white solid

LAYERING: none

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 215

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I3

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test
Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3657 SAMPLE # _____

ANALYST H. Faure DATE 7-7-83

SAMPLE DESCRIPTION: Yellow, runny sol

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S 500ppy		
	Hexane	S 500ppy		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien NEG

Flammability: F.P. >60°C

Bielsteine _____

PCB Screen Comp # 232

Result <50

AQUEOUS SCHEME

pH 12

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test
Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3658 SAMPLE # _____

ANALYST AE DATE 7/7/83

SAMPLE DESCRIPTION: brown solid

LAYERING: (

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 243

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 15

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3661 SAMPLE # _____

ANALYST AL DATE 7/7/83

SAMPLE DESCRIPTION: brown solid & hardened gauze

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 243

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3662 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Brown sol

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 273

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide μE6

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: S

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3663 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Light brown sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	+		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # ~~217~~ 262

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEO

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3664 SAMPLE # _____

ANALYST DE DATE 7/7/83

SAMPLE DESCRIPTION: white/brown solid

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 239

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH ≥5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3665 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Light brown sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I OX		
	Hexane	I		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide

Bielstien

Flammability: F.P.

Bielsteine

PCB Screen Comp # 262 ~~217~~

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES:

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3666 SAMPLE # _____

ANALYST AE DATE 7/6/83

SAMPLE DESCRIPTION: brown solid

LAYERING: none

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 197

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3666 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Brown sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	+		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 258

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test
Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3667 SAMPLE # _____

ANALYST AC DATE 7/7/83

SAMPLE DESCRIPTION: white solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	IO		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 243

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3668 SAMPLE # _____

ANALYST AG DATE 7/6/83

SAMPLE DESCRIPTION: yellow solid

LAYERING: none

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I-O		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 197

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS:

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - $\sim$1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3668 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Yellow sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I		
	Hexane	I		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 259

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide NP

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3670 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Lemonade-like liq/white sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S	PS	
	Hexane	~~I~~	~~I~~	

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 267

Result <50

AQUEOUS SCHEME

pH 6 6

Oxidizer NR/NR

Peroxide ND/ND

Cyanide NEG/NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN/IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3671 SAMPLE # _____

ANALYST AC DATE 7/8/83

SAMPLE DESCRIPTION: white/brown solids

LAYERING: (

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I O		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 251

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3672 SAMPLE # _____

ANALYST AG DATE 7/6/83

SAMPLE DESCRIPTION: white / orange solid

LAYERING: none

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	IO		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 198

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3672 SAMPLE # _____

ANALYST H. Faure DATE 7-9-82

SAMPLE DESCRIPTION: Orange + white sol.

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 266

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿ 1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test
Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3673 SAMPLE # _____

ANALYST DL DATE 7/6/83

SAMPLE DESCRIPTION: brown solid

LAYERING: none

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 198

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3673 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Brown sol.

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 264

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3674 SAMPLE # _____

ANALYST AC DATE 7/7/83

SAMPLE DESCRIPTION: yellow solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 243

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: D

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3675 SAMPLE # _____

ANALYST AE DATE 7/6/84

SAMPLE DESCRIPTION: brown solid

LAYERING: none

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I-O		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 198

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids
O = Organic
FO = Flammable Organic
CO = Chlorinated Organic
PCB = PCB contaminated organic
OP = Organic Peroxide
BN = Base/Neutral Aqueous (pH ≥5)
A = Acid
C = Cyanide
OX = Oxidizer (strong acid)
WR = Water Reactive

Solids
OS = Organic
IS = Inorganic
AS = Inorganic Acid
RS = Reactive

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3675 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: White sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 266

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3676 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Red sol.

LAYERING:)

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 274

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3677 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: White sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 273

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1323 DRUM # 3678 SAMPLE # _____

ANALYST H Favre DATE 7-9-83

SAMPLE DESCRIPTION: Brown sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 273

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3679 SAMPLE # _____

ANALYST H. Faurc DATE 7-9-83

SAMPLE DESCRIPTION: Light brown sol.

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	IOX		
	Hexane	I		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # ~~247~~ 262

Result <50

AQUEOUS SCHEME

pH G

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3680 SAMPLE # _____

ANALYST AC DATE 7/5/87

SAMPLE DESCRIPTION: yellow, hard - acrylic like solid

LAYERING: none

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	IO		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 191

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3681 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Brown s.'.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	+		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 260

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3682 SAMPLE # _____

ANALYST NE DATE 7/5/82

SAMPLE DESCRIPTION: gray, white, beige solids

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien Neg

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 191

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - $\sim$1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3683 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Earthy sd.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 260

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3684 SAMPLE # _____

ANALYST AC DATE 7/9/83

SAMPLE DESCRIPTION: white cotton Solid

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 257

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3685 SAMPLE # _____

ANALYST H. Faure DATE 7-8-83

SAMPLE DESCRIPTION: Clear liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	⊥		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. <60°

Bielsteine _____

PCB Screen Comp # 252

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: FO

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH ≥5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3686 SAMPLE # _____

ANALYST H. Favre DATE 7-9-83

SAMPLE DESCRIPTION: White + brown sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I Ox		
	Hexane	I		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 259

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH ≥5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3687 SAMPLE # _____

ANALYST LE DATE 7/8/83

SAMPLE DESCRIPTION: white solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 257

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3689 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Black s.l.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	⊥		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # ~~271~~ 262

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I3

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3690 SAMPLE # _____

ANALYST LE DATE 7/9/83

SAMPLE DESCRIPTION: yellow/brown solid

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 257

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3691 SAMPLE # _____

ANALYST AC DATE 7/8/83

SAMPLE DESCRIPTION: white / dark solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	IO		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 241

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3693 SAMPLE # _____

ANALYST . AC DATE 7/9/83

SAMPLE DESCRIPTION: Orange - solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide — ppm

Sulfide —

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 251

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3696 SAMPLE # _____

ANALYST H. Favre DATE 7-8-83

SAMPLE DESCRIPTION: Gray milky liq. / brown sol.

LAYERING: 2

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S	PS	
	Hexane	I	I	

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # ~~252~~ / ~~243~~ 252/254

Result 250

AQUEOUS SCHEME

pH 6 / 6

Oxidizer NR / NR

Peroxide ND / ND

Cyanide NEG / NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN/IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3697 SAMPLE # _____

ANALYST AC DATE 7/9/83

SAMPLE DESCRIPTION: yellow solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 256

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3699 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: White sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 321

Result _____

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide NP

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: _____

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3699 SAMPLE # _____

ANALYST AE DATE 7/8/83

SAMPLE DESCRIPTION: brown / black solid

LAYERING: (

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I O		
	Hexane	I.		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 244

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test
Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3700 SAMPLE # _____

ANALYST AE DATE 7/9/83

SAMPLE DESCRIPTION: yellow solid

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I O		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 256

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3701 SAMPLE # _____

ANALYST H. Faure DATE 7-8-83

SAMPLE DESCRIPTION: Green, milky liq

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg.

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 248

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3708 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Brown liq.

LAYERING: (

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 271

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH ≥5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3708 SAMPLE # _____

ANALYST [illegible] DATE 7/9/83

SAMPLE DESCRIPTION: orange/brown solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I-O		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 257

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3709 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: White sol

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 259

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3709 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Brown sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I		
	Hexane	I		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 260

Result <30

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - $\sim$1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3711 SAMPLE #

ANALYST AE DATE 7/8/83

SAMPLE DESCRIPTION: gray / brown solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	I		

ORGANIC SCHEME

Peroxide ppm

Sulfide

Bielstien neg

Flammability: F.P. >60°

Bielsteine

PCB Screen Comp # 243

Result <56

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide neg

ADDITIONAL TESTS

NOTES:

COMPATABILITY CATEGORY: 75

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ~1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable.

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos. - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH ≥5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3912 SAMPLE # _____

ANALYST H. Faure DATE 7-8-83

SAMPLE DESCRIPTION: Brown liq

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 252

Result <30

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH ≥5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3713 SAMPLE # _____

ANALYST H. Faure DATE 7-8-83

SAMPLE DESCRIPTION: Milky orange liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien POS

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 252

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BW

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3715 SAMPLE # _____

ANALYST AE DATE 7/8/83

SAMPLE DESCRIPTION: brown/orange solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 244

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3716 SAMPLE # _____

ANALYST AC DATE 7/8/83

SAMPLE DESCRIPTION: white/brown solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 244

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test
Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3717 SAMPLE # _____

ANALYST AE DATE 7/8/83

SAMPLE DESCRIPTION: yellow/orange solid

LAYERING: —

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 244

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3718 SAMPLE # _____

ANALYST H. Faure DATE 7-8-83

SAMPLE DESCRIPTION: Beige liq w suspended solds

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	S		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 252

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3719 SAMPLE # _____

ANALYST [illegible] DATE 7/8/83

SAMPLE DESCRIPTION: brown solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I O		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. ✓

Bielsteine _____

PCB Screen Comp # 244

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3720 SAMPLE # _____

ANALYST H. Favre DATE 7-8-87

SAMPLE DESCRIPTION: Thick yellow liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	S		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 252

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: O

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3721 SAMPLE # _____

ANALYST AC DATE 7/8/93

SAMPLE DESCRIPTION: white solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 244

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3722 SAMPLE # _____

ANALYST H. Faure DATE 7-8-83

SAMPLE DESCRIPTION: Yellow liq. w suspended solds.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 252

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3723 SAMPLE # _____

ANALYST AC DATE 7/8/83

SAMPLE DESCRIPTION: purple crystalline solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	SS		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60

Bielsteine _____

PCB Screen Comp # 244

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test
Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3724 SAMPLE # _____

ANALYST AC DATE 7/8/93

SAMPLE DESCRIPTION: white solid

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60

Bielsteine _____

PCB Screen Comp # 244

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide neg.

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3725 SAMPLE # _____

ANALYST AC DATE 7/8/83

SAMPLE DESCRIPTION: white solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 243

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 15

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = *not detected*

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3726 SAMPLE # _____

ANALYST H. Faure DATE 7-8-83

SAMPLE DESCRIPTION: Gray liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 252

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BW

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373. DRUM # 3727 SAMPLE #

ANALYST AC DATE

SAMPLE DESCRIPTION: white/orange solid

LAYERING: (

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide ppm

Sulfide

Bielstien

Flammability: F.P.

Bielsteine

PCB Screen Comp # 243

Result <50

AQUEOUS SCHEME

pH

Oxidizer

Peroxide

Cyanide

ADDITIONAL TESTS

NOTES:

COMPATABILITY CATEGORY: 15

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3728 SAMPLE # _____

ANALYST AC DATE 7/8/83

SAMPLE DESCRIPTION: brown solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 244

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - $\sim$1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test
Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3729 SAMPLE # _____

ANALYST AC DATE 7/8/93

SAMPLE DESCRIPTION: beige solid

LAYERING: (

SOLUBILITY:		1st Layer	2nd Layer	3rd Layer
	H_2O	PS		
	Hexane	I.		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 244

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I3

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3730 SAMPLE # _____

ANALYST H. Faure DATE 7-8-83

SAMPLE DESCRIPTION: Milky white liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 252

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3731 SAMPLE # _____

ANALYST H. Faure DATE 7-11-83

SAMPLE DESCRIPTION: Brown sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 306

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3732 SAMPLE # _____

ANALYST AC DATE 7/8/83

SAMPLE DESCRIPTION: white/yellow solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I-O		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 244

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test
Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3734 SAMPLE # _____

ANALYST H. Faure DATE 7-11-83

SAMPLE DESCRIPTION: Clear liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	~~8~~ ∓0		
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 299

Result <50

AQUEOUS SCHEME

pH 0

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 0

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3736 SAMPLE # _____

ANALYST H. Faure DATE 7-11-83

SAMPLE DESCRIPTION: White sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 306

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3738 SAMPLE # _____

ANALYST H. Faure DATE 7-11-83

SAMPLE DESCRIPTION: Milky white liq.

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 299

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3740 SAMPLE # _____

ANALYST H. Faure DATE 7-11-83

SAMPLE DESCRIPTION: Brown soil

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 305

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3741 SAMPLE # _____

ANALYST H Favre DATE 7-11-83

SAMPLE DESCRIPTION: Milky yellow liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 299

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3742 SAMPLE # _____

ANALYST H. Faure DATE 7-11-83

SAMPLE DESCRIPTION: Milky yellow liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 300

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3744 SAMPLE # _____

ANALYST H. Faure DATE 7-11-83

SAMPLE DESCRIPTION: White + gray sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 307

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3745 SAMPLE # _____

ANALYST H. Faure DATE 7-11-83

SAMPLE DESCRIPTION: Red liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	FO		
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 299

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 0

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3746 SAMPLE # _____

ANALYST H. Faure DATE 7-11-83

SAMPLE DESCRIPTION: Clear liq-

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 300

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 0

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH ≥5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3747 SAMPLE # _____

ANALYST H. Faure DATE 7-11-83

SAMPLE DESCRIPTION: White Sd.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 303

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: S

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3748 SAMPLE # _____

ANALYST H. Faure DATE 7-11-83

SAMPLE DESCRIPTION: Milky white liq.

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 299

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer _____

Peroxide _____

Cyanide NEC

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3749 SAMPLE # _____

ANALYST H Faure DATE 7-11-83

SAMPLE DESCRIPTION: Milky yellow liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 299

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3750 SAMPLE # _____

ANALYST H. Favre DATE 7-11-83

SAMPLE DESCRIPTION: White + orange sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 306

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 3

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3752 SAMPLE # _____

ANALYST H. Faure DATE 7-11-83

SAMPLE DESCRIPTION: White sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 304

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3753 SAMPLE # _____

ANALYST H. Faure DATE 7-11-83

SAMPLE DESCRIPTION: White sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 305

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3754 SAMPLE # _____

ANALYST H. Faure DATE 7-11-83

SAMPLE DESCRIPTION: Clear liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	SI		
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 300

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 0

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3755 SAMPLE # _____

ANALYST H Favre DATE 7-11-83

SAMPLE DESCRIPTION: White sol

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			1

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 307

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3756 SAMPLE # _____

ANALYST H. Faure DATE 7-11-83

SAMPLE DESCRIPTION: White + brown sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 306

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: S

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3757 SAMPLE # _____

ANALYST H. Favre DATE 7-11-83

SAMPLE DESCRIPTION: Brown sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 304

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: S

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - $\sim$1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3758 SAMPLE # _____

ANALYST H. Favre DATE 7-11-83

SAMPLE DESCRIPTION: Orange & brown sol.

LAYERING: /

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 307

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3759 SAMPLE # _____

ANALYST H. Faure DATE 7-11-83

SAMPLE DESCRIPTION: Orange + brown sol

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 307

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3761 SAMPLE # _____

ANALYST H. Faure DATE 7-11-83

SAMPLE DESCRIPTION: White Sol.

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 305

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3762 SAMPLE # _____

ANALYST H Faure DATE 7-11-83

SAMPLE DESCRIPTION: Dark red sol.

LAYERING: ~~1373~~ 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 307

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3263 SAMPLE # _____

ANALYST H. Faur DATE 7-11-83

SAMPLE DESCRIPTION: Thick yellow liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 300

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3764 SAMPLE # _____

ANALYST H. Faure DATE 7-11-83

SAMPLE DESCRIPTION: Yellow liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 300

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3766 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Orange + black sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	±		
	Hexane	±		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 321

Result _____

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: S

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH ≥5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3769 SAMPLE # _____

ANALYST H. Faure DATE 7-11-83

SAMPLE DESCRIPTION: white milky liq.

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 291

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3770 SAMPLE # _____

ANALYST H. Favre DATE 7-11-83

SAMPLE DESCRIPTION: Beige, milky liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 290

Result _____

AQUEOUS SCHEME

pH 6

Oxidizer _____

Peroxide _____

Cyanide NEO

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3772 SAMPLE # _____

ANALYST H. Faurk DATE 7-11-83

SAMPLE DESCRIPTION: Yellow liq-

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 297

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BW

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3774 SAMPLE # _____

ANALYST H.Faure DATE 7-9-83

SAMPLE DESCRIPTION: White + brown sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I		
	Hexane	I		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 260

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3775 SAMPLE # _____

ANALYST H. Faure DATE 7-11-83

SAMPLE DESCRIPTION: White milky liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 293

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3776 SAMPLE # _____

ANALYST H. Favre DATE 7-9-83

SAMPLE DESCRIPTION: white sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I		
	Hexane	I		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 260

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3728 SAMPLE # _____

ANALYST H. Fgvre DATE 7-9-83

SAMPLE DESCRIPTION: Mixed sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # ~~217~~ 262

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3779 SAMPLE # _____

ANALYST H.Favre DATE 7-9-83

SAMPLE DESCRIPTION: White sol

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 261

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3780 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: white sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 264

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive

IO = Insoluble Organic - organic scheme

IOX = Insoluble Organic Halogenated Suspect (heavier than water)

S = Soluble - aqueous scheme unless soluble in hexane

PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme

S = Soluble - organic scheme

SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH ≥5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3281 SAMPLE # _____

ANALYST H. Favre DATE 7-11-83

SAMPLE DESCRIPTION: Thick, yellow liq.

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 291

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer _____

Peroxide _____

Cyanide NEO

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3782 SAMPLE # _____

ANALYST H. Fagre DATE 7-9-82

SAMPLE DESCRIPTION: White sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 265

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3784 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Orange sol

LAYERING: 1.

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 260

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1378 DRUM # 3785 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: White sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 260

Result <250

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3790 SAMPLE # _____

ANALYST H. Faure DATE 5-8-83

SAMPLE DESCRIPTION: white, milky liq

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	+		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 247

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3791 SAMPLE # _____

ANALYST H. Faure DATE 7-8-83

SAMPLE DESCRIPTION: Red liq.

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I O		
	Hexane	S		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien pos

Flammability: F.P. <60°

Bielsteine _____

PCB Screen Comp # 225

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: FO

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH ≥5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3792 SAMPLE # _____

ANALYST H. Favre DATE 7-9-83

SAMPLE DESCRIPTION: White sol

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	IOX		
	Hexane	I		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # ~~257~~ 262

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3794 SAMPLE # _____

ANALYST H Faure DATE 7-8-83

SAMPLE DESCRIPTION: Red liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I		
	Hexane	S		

ORGANIC SCHEME

Peroxide NP ppm

Sulfide _____

Bielstien NEG

Flammability: F.P. <60°C

Bielsteine _____

PCB Screen Comp # 242°

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: FG

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3795 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: White, spongy sol-

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	±		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 261

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I3

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3796 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: White sol. w black specks

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	+		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 261

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3798 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: White sol.

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 265

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3799 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Wet, beige sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	+		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 261

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3800 SAMPLE # _____

ANALYST H. Faure DATE 7-11-83

SAMPLE DESCRIPTION: Milky white liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 291

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1 DRUM # 3801 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: white sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 265

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 3

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3803 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: White sol.

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 263

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3804 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Beige, runny sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 265

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3805 SAMPLE # _____

ANALYST H. Favre DATE 7-9-83

SAMPLE DESCRIPTION: Yellow, rubbery sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	+OX		
	Hexane	+		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide

Bielstien

Flammability: F.P.

Bielsteine

PCB Screen Comp # 262

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES:

COMPATABILITY CATEGORY: 25

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3806 SAMPLE # _____

ANALYST H. Faure DATE 7-8-83

SAMPLE DESCRIPTION: Thick, white milky liq

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide ~~0~~ ppm

Sulfide

Bielstien

Flammability: F.P.

Bielsteine

PCB Screen Comp # 321 ~~3806~~

Result

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES:

COMPATABILITY CATEGORY:

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3806 SAMPLE # _____

ANALYST H. Favre DATE 7-9-83

SAMPLE DESCRIPTION: White + orange sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 266

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test
Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3807 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Yellow sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 274

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3809 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: White + gray sol

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # ~~217~~ 262

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3810 SAMPLE # _____

ANALYST H. Favre DATE 7-8-83

SAMPLE DESCRIPTION: white, milky liq

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 248

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: RN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H.. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3811 SAMPLE # _____

ANALYST H Faure DATE 7-9-83

SAMPLE DESCRIPTION: White sol.

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 264

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3812 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: White + brown s.l.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 263

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3813 SAMPLE # _____

ANALYST H Faure DATE 7-9-82

SAMPLE DESCRIPTION: White + brown sol-

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 266

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic·Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3814 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Orange + brown sol.

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 274

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: Sol

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3817 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Yellow liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 321

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3819 SAMPLE # _____

ANALYST H. Gaum DATE 7-11-83

SAMPLE DESCRIPTION: Orange liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 290

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer _____

Peroxide _____

Cyanide Neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3820 SAMPLE # _____

ANALYST H. Faure DATE 7-11-83

SAMPLE DESCRIPTION: Brown liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 292

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3823 SAMPLE # _____

ANALYST AC DATE 7/9/83

SAMPLE DESCRIPTION: yellow/white solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 257

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3824 SAMPLE # _____

ANALYST Ae DATE 7/9/83

SAMPLE DESCRIPTION: yellow/brown solid

LAYERING: (

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I O		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 257

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3825 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Milky brown liq. / brown sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S	I	
	Hexane	I	I	

ORGANIC SCHEME

Peroxide /ND ppm

Sulfide

Bielstien

Flammability: F.P.

Bielsteine

PCB Screen Comp # 260

Result <50

AQUEOUS SCHEME

pH 6 / 6

Oxidizer NR / NR

Peroxide ND / ND

Cyanide NEG / NEG

ADDITIONAL TESTS

NOTES:

COMPATABILITY CATEGORY: BN/IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3826 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: White sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I		
	Hexane	I		

ORGANIC SCHEME

Peroxide NP ppm

Sulfide

Bielstien

Flammability: F.P.

Bielsteine

PCB Screen Comp # 261

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES:

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3827 SAMPLE # _____

ANALYST H. Faure DATE 7-11-83

SAMPLE DESCRIPTION: White, milky liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 291

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3828 SAMPLE # _____

ANALYST A. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Yellow liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 270

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3830 SAMPLE # _____

ANALYST H. Faure DATE 7-11-83

SAMPLE DESCRIPTION: Orange-white, milky liq.

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 291

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer _____

Peroxide _____

Cyanide NEO

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3833 SAMPLE # _____

ANALYST A. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Brown + white sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	±		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 261

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I3

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3835 SAMPLE # _____

ANALYST H. Faure DATE 7-11-87

SAMPLE DESCRIPTION: Brown liq.

LAYERING: /

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 297

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH ≥5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3835 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Thick milky white liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 297

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3836 SAMPLE # _____

ANALYST DE DATE 7/7/83

SAMPLE DESCRIPTION: white solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 238

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3836 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Light brown liq/brown sol.

LAYERING: 2

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S	PS	
	Hexane	I	I	

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 268

Result <50

AQUEOUS SCHEME

pH 6 /6

Oxidizer NR/NR

Peroxide NP /ND

Cyanide NEG /NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN/IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3837 SAMPLE # _____

ANALYST AC DATE 7/9/83

SAMPLE DESCRIPTION: white solid

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	IO		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 257

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3838 SAMPLE # _____

ANALYST AC DATE 7/9/83

SAMPLE DESCRIPTION: orange/white solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I O		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 257

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 75

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3839 SAMPLE # _____

ANALYST H. Fgure DATE 7-11-83

SAMPLE DESCRIPTION: Milky yellowling

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	~~S~~ PS		
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 291

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3839 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Beige, hard sol

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I		
	Hexane	I		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 260

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide NP

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: JS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3840 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: White sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 267

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3841 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: White sol.

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 261

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide NP

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3842 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Purple sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 265

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3842 SAMPLE # _____

ANALYST AC DATE 7/8/83

SAMPLE DESCRIPTION: purple solid

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60

Bielsteine _____

PCB Screen Comp # 239

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I3

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3843 SAMPLE # _____

ANALYST H. Faure DATE 7-8-83

SAMPLE DESCRIPTION: Clear yellow liq.

LAYERING: (

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I.O		
	Hexane	S		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien neg.

Flammability: F.P. <60°

Bielsteine _____

PCB Screen Comp # 245

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: FO

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3845 SAMPLE # _____

ANALYST H. Favre DATE 7-8-83

SAMPLE DESCRIPTION: Beige, milky liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 247

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3846 SAMPLE # _____

ANALYST H. Favre DATE 7-9-83

SAMPLE DESCRIPTION: Beige liq / beige sol.

LAYERING: 2

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 263

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3849 SAMPLE # _____

ANALYST H.Faure DATE 7-9-83

SAMPLE DESCRIPTION: White + orange sil-

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 262

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEO

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I3

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3853 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Brown sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	≠		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 261

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3855 SAMPLE # _____

ANALYST H. Faure DATE 7-8-83

SAMPLE DESCRIPTION: Clear liq.

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I		
	Hexane	S		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien NEG

Flammability: F.P. >60°C

Bielsteine _____

PCB Screen Comp # ~~250~~ 241

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 0

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH ≥5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3856 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: White sol.

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 264

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3857 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: White sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 260

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3859 SAMPLE # _____

ANALYST H. Favre DATE 7-8-83

SAMPLE DESCRIPTION: Gray milky liq

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	t		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 248

Result <50

AQUEOUS SCHEME

pH ~~8~~ 7

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3860 SAMPLE # _____

ANALYST H. Favre DATE 7-8-83

SAMPLE DESCRIPTION: Gray, milky liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	±		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 248

Result <50

AQUEOUS SCHEME

pH 7

Oxidizer NR

Peroxide NO

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - $\sim$1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3862 SAMPLE # _____

ANALYST A. Faure DATE 7-9-83

SAMPLE DESCRIPTION: white sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 261

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3864 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: White liq. / white sol.

LAYERING: 2

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 264

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN/S

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3865 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: White sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 265

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3866 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: White sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	±		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 261

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

CO PATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3867 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: White sol.

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 265

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive

IO = Insoluble Organic - organic scheme

IOX = Insoluble Organic Halogenated Suspect (heavier than water)

S = Soluble - aqueous scheme unless soluble in hexane

PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme

S = Soluble - organic scheme

SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ~1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3867 SAMPLE # _____

ANALYST H Faure DATE 7-9-83

SAMPLE DESCRIPTION: White & black sol

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 264

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3868 SAMPLE # _____

ANALYST H Faure DATE 7-9-87

SAMPLE DESCRIPTION: Orange + brown sol.

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 275

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1323 DRUM # 3869 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Orange + brown sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 263

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids
O = Organic
FO = Flammable Organic
CO = Chlorinated Organic
PCB = PCB contaminated organic
OP = Organic Peroxide
BN = Base/Neutral Aqueous (pH ≥5)
A = Acid
C = Cyanide
OX = Oxidizer (strong acid)
WR = Water Reactive

Solids
OS = Organic
IS = Inorganic
AS = Inorganic Acid
RS = Reactive

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3870 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Dark brown sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 263

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3871 SAMPLE # _____

ANALYST H. Faure DATE 7-8-83

SAMPLE DESCRIPTION: Brown liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	SS		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien neg

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 248

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3872 SAMPLE # _____

ANALYST H. Favre DATE 7-9-83

SAMPLE DESCRIPTION: Red solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 266

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3873 SAMPLE # _____

ANALYST AC DATE 7/7/93

SAMPLE DESCRIPTION: beige liquid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien Neg

Flammability: F.P. >60

Bielsteine _____

PCB Screen Comp # 233

Result <30

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide neg.

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3874 SAMPLE # _____

ANALYST DC DATE 7/7/83

SAMPLE DESCRIPTION: orange liquid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	S		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien neg

Flammability: F.P. <60°

Bielsteine _____

PCB Screen Comp # 228

Result <50

AQUEOUS SCHEME

pH 5

Oxidizer NR

Peroxide _____

Cyanide ~~neg.~~ neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: F0

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3876 SAMPLE # _____

ANALYST Ae DATE 7/7/83

SAMPLE DESCRIPTION: Orange Solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	~~I~~ PS		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 238

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # ~~3897~~ 3877 SAMPLE # _____

ANALYST DE DATE 7/7/83

SAMPLE DESCRIPTION: yellow/black solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 236

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3879 SAMPLE # _____

ANALYST AC DATE 7/7/83

SAMPLE DESCRIPTION: yellow/brown solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 236

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH ≥5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3880 SAMPLE # _____

ANALYST Dc DATE 7/7/83

SAMPLE DESCRIPTION: yellow liquid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien POS

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 233

Result <50

AQUEOUS SCHEME

pH 5

Oxidizer NR

Peroxide ND

Cyanide neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test
Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3881 SAMPLE # _____

ANALYST AC DATE 7/7/87

SAMPLE DESCRIPTION: yellow/orange liquid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg.

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 228

Result <50

AQUEOUS SCHEME

pH 5

Oxidizer NR

Peroxide ND

Cyanide neg.

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BW

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3884 SAMPLE # _____

ANALYST TC DATE 7/8/83

SAMPLE DESCRIPTION: pink liquid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien .005

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 233

Result <50

AQUEOUS SCHEME

pH 5

Oxidizer NR

Peroxide ND

Cyanide neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BW

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3885 SAMPLE # _____

ANALYST AC DATE 7/8/83

SAMPLE DESCRIPTION: yellow solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg.

Flammability: F.P. <60°

Bielsteine _____

PCB Screen Comp # 235

Result <50

AQUEOUS SCHEME

pH 5

Oxidizer NR

Peroxide ND

Cyanide neg.

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: PS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test
Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH ≥5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3886 SAMPLE # _____

ANALYST AC DATE 7/8/83

SAMPLE DESCRIPTION: creamy white liquid / yellow solid

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S / I		
	Hexane	I / I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 233/

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BW

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3888 SAMPLE # _____

ANALYST H. Faure DATE 7-8-83

SAMPLE DESCRIPTION: Yellow liq/white liq.

LAYERING: 2

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PIOX	S	
	Hexane	S	I	

ORGANIC SCHEME

Peroxide ND/ ppm

Sulfide

Bielstien NEG

Flammability: F.P. ~~>~~ <60°C

Bielsteine

PCB Screen Comp # ~~250~~ 241/225

Result <50

AQUEOUS SCHEME

pH	6 / 6
Oxidizer	NR / NR
Peroxide	NR / ND
Cyanide	NEG / NEG

ADDITIONAL TESTS

NOTES:

COMPATABILITY CATEGORY: FO/BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test
Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3889 SAMPLE # _____

ANALYST DC DATE 7/8/83

SAMPLE DESCRIPTION: brown liquid.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 233

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BW

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3890 SAMPLE # _____

ANALYST H. Favre DATE 7-8-83

SAMPLE DESCRIPTION: Clear liq.

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I O		
	Hexane	I		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien neg

Flammability: F.P. 0 <60°

Bielsteine _____

PCB Screen Comp # 245

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: FO

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3891 SAMPLE # _____

ANALYST QC DATE 7/7/83

SAMPLE DESCRIPTION: beige solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg.

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 236

Result <50

AQUEOUS SCHEME

pH 5

Oxidizer NR

Peroxide ND

Cyanide neg.

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3892 SAMPLE # _____

ANALYST H. Faure DATE 7-8-83

SAMPLE DESCRIPTION: Brown, milky liq

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	SS		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide

Bielstien neg

Flammability: F.P. >60°

Bielsteine

PCB Screen Comp # 250

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES:

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O • - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3893 SAMPLE # _____

ANALYST Ne DATE 7/8/83

SAMPLE DESCRIPTION: clear liquid/ brown sludge

LAYERING: 2

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	~~S/I~~ I/S		
	Hexane	~~I/I~~ I/I		

ORGANIC SCHEME

Cyanide	____	PCB Screen	Comp # 237
Sulfide	____		
Bielstien	POS		Result <50
Flammability: F.P.	<60°		
Bielsteine	____		

AQUEOUS SCHEME

pH	2
Oxidizer	POS
Peroxide	ND
Cyanide	neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: FO

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3894 SAMPLE # _____

ANALYST NC DATE 7/7/83

SAMPLE DESCRIPTION: rust solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 288

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3895 SAMPLE # _____

ANALYST DE DATE 7/7/83

SAMPLE DESCRIPTION: dark brown liquid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg.

Flammability: F.P. >60

Bielsteine _____

PCB Screen Comp # 228

Result <50

AQUEOUS SCHEME

pH 7

Oxidizer NR

Peroxide ND

Cyanide neg.

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3896 SAMPLE # _____

ANALYST NC DATE 7/7/93

SAMPLE DESCRIPTION: orange liquid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	IO		
	Hexane	SS		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien pos

Flammability: F.P. <60°

Bielsteine _____

PCB Screen Comp # 228

Result <50

AQUEOUS SCHEME

pH 7

Oxidizer ~~NR~~ pos

Peroxide _____

Cyanide neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: FCO

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3,896 SAMPLE # _____

ANALYST H. Faure DATE 7-11-83

SAMPLE DESCRIPTION: Orange liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 297

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3897 SAMPLE # _____

ANALYST DK DATE 7/7/83

SAMPLE DESCRIPTION: orange liquid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	PS.		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien neg

Flammability: F.P. <60

Bielsteine _____

PCB Screen Comp # 230

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide _____

Cyanide neg.

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: FO

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value.

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3898 SAMPLE # _____

ANALYST DC DATE 7/7/83

SAMPLE DESCRIPTION: white/yellow solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I⊘		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.R. _____

Bielsteine _____

PCB Screen Comp # 236

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I3

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3903 SAMPLE # _____

ANALYST AC DATE 7/7/87

SAMPLE DESCRIPTION: clear / yellow liquid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg.

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 228

Result <30

AQUEOUS SCHEME

pH 7

Oxidizer NR

Peroxide ND

Cyanide neg.

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BW

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1273 DRUM # 3904 SAMPLE # _____

ANALYST AC DATE 7/7/83

SAMPLE DESCRIPTION: orange / brown solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 236

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3906 SAMPLE # _____

ANALYST H. Faure DATE 7-8-83

SAMPLE DESCRIPTION: white, milky liq

LAYERING: /

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	±		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 249

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3908 SAMPLE # _____

ANALYST AC DATE 7/7/83

SAMPLE DESCRIPTION: white solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 236

Result <50

AQUEOUS SCHEME

pH 5

Oxidizer NR

Peroxide ND

Cyanide neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3910 SAMPLE # _____

ANALYST Ac DATE 7/8/83

SAMPLE DESCRIPTION: brown liquid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	IO		
	Hexane	I		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien pos

Flammability: F.P. <60°

Bielsteine _____

PCB Screen Comp # 233

Result <50

AQUEOUS SCHEME

pH 5

Oxidizer NR

Peroxide ND

Cyanide neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: FCO

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3911 SAMPLE # _____

ANALYST AC DATE 7/7/83

SAMPLE DESCRIPTION: white solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	IO		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 236

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 39/2 SAMPLE # _____

ANALYST DE DATE 7/7/83

SAMPLE DESCRIPTION: brown liquid / beige solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S / I0		
	Hexane	I / I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. <60°

Bielsteine _____

PCB Screen Comp # 235

Result <50

AQUEOUS SCHEME

pH 5

Oxidizer NR

Peroxide ND

Cyanide neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: FO / IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3715 SAMPLE # _____

ANALYST DC DATE 7/7/83

SAMPLE DESCRIPTION: brown/yellow solid

LAYERING: (

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	IO		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 236

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3916 SAMPLE # _____

ANALYST AC DATE 7/7/83

SAMPLE DESCRIPTION: yellow liquid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	SS		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien neg

Flammability: F.P. <60°

Bielsteine _____

PCB Screen Comp # 228

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide _____

Cyanide neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: F0

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3917 SAMPLE # _____

ANALYST NC DATE 7/8/83

SAMPLE DESCRIPTION: clear liquid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. ~~<~~60

Bielsteine _____

PCB Screen Comp # 233

Result <50

AQUEOUS SCHEME

pH 11

Oxidizer NR

Peroxide NP

Cyanide neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: FO

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # ~~378~~T3918 SAMPLE # _____

ANALYST AC DATE 7/7/83

SAMPLE DESCRIPTION: yellow solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	IO		
	Hexane	SS		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien neg

Flammability: F.P. <60°

Bielsteine _____

PCB Screen Comp # 235

Result <50

AQUEOUS SCHEME

pH 7

Oxidizer NR

Peroxide _____

Cyanide neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: FS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3920 SAMPLE # _____

ANALYST AC DATE 7/8/83

SAMPLE DESCRIPTION: dark brown liquid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 233

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide neg.

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3921 SAMPLE # _____

ANALYST AC DATE 7/8/87

SAMPLE DESCRIPTION: Yellow/creamy liquid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	IO		
	Hexane	SS		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien neg

Flammability: F.P. <60

Bielsteine _____

PCB Screen Comp # 233

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide _____

Cyanide neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: ~~FCO~~ FO

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3924 SAMPLE # _____

ANALYST AC DATE 7/8/83

SAMPLE DESCRIPTION: yellow liquid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	S		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien neg.

Flammability: F.P. <60°

Bielsteine _____

PCB Screen Comp # 237

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide _____

Cyanide neg.

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: FO

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - $\sim$1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic.
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3925 SAMPLE # _____

ANALYST DC DATE 7/7/83

SAMPLE DESCRIPTION: white solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 235

Result <50

AQUEOUS SCHEME

pH 5

Oxidizer NR

Peroxide ND

Cyanide neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH ≥5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3926 SAMPLE # _____

ANALYST AE DATE 7/7/83

SAMPLE DESCRIPTION: orange / yellow solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 238

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I3

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3927 SAMPLE # _____

ANALYST AC DATE 7/7/83

SAMPLE DESCRIPTION: biege liquid

LAYERING: (

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. <60°

Bielsteine _____

PCB Screen Comp # 231

Result <50

AQUEOUS SCHEME

pH 7

Oxidizer NR

Peroxide ND

Cyanide neg.

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: ~~B~~ FO

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3928 SAMPLE # _____

ANALYST NG DATE 7/7/83

SAMPLE DESCRIPTION: yellow/white solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	IO		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 238

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3929 SAMPLE # _____

ANALYST AC DATE 7/7/83

SAMPLE DESCRIPTION: clear liquid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	S5		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien pos

Flammability: F.P. <60

Bielsteine _____

PCB Screen Comp # 228

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide neg.

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: FCO

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH ≥5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3930 SAMPLE # _____

ANALYST DE DATE 7/7/83

SAMPLE DESCRIPTION: orange/brown solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	IO		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 236

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I3

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3932 SAMPLE # _____

ANALYST AC DATE 7/8/83

SAMPLE DESCRIPTION: light purple liquid

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. 760°

Bielsteine _____

PCB Screen Comp # 233

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide neg.

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Qrganic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number . Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3934 SAMPLE # _____

ANALYST [illegible] DATE 7/7/83

SAMPLE DESCRIPTION: orange liquid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	S		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien pos.

Flammability: F.P. <60°

Bielsteine _____

PCB Screen Comp # 228

Result <50

AQUEOUS SCHEME

pH 5

Oxidizer pos.

Peroxide _____

Cyanide neg.

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: FCO

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3935 SAMPLE # _____

ANALYST AC DATE 7/7/83

SAMPLE DESCRIPTION: white solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 258

Result <50

AQUEOUS SCHEME

pH 5

Oxidizer NR

Peroxide ND

Cyanide neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH ≥5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3937 SAMPLE # _____

ANALYST AC DATE 7/7/83

SAMPLE DESCRIPTION: black solid.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 235

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test
Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3938 SAMPLE # _____

ANALYST AC DATE 7/7/83

SAMPLE DESCRIPTION: burgandy liquid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	IO		
	Hexane	S		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien Neg

Flammability: F.P. <60°

Bielsteine _____

PCB Screen Comp # 228

Result <50

AQUEOUS SCHEME

pH 5

Oxidizer NR

Peroxide _____

Cyanide neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: FO

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3940 SAMPLE # _____

ANALYST AC DATE 7/7/83

SAMPLE DESCRIPTION: yellow/orange solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	IO		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 235

Result <30

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IO

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive

IO = Insoluble Organic - organic scheme

IOX = Insoluble Organic Halogenated Suspect (heavier than water)

S = Soluble - aqueous scheme unless soluble in hexane

PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme

S = Soluble - organic scheme

SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ~1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3941 SAMPLE # _____

ANALYST H. Faure DATE 7-8-83

SAMPLE DESCRIPTION: Beige, milky liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 250

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NE6

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3941 SAMPLE # _____

ANALYST [illegible] DATE 7/8/83

SAMPLE DESCRIPTION: brown [illegible] solid. (gel)

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I O		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien POS

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 236

Result <30

AQUEOUS SCHEME

pH 2

Oxidizer ~~POS~~ Neg

Peroxide ND

Cyanide neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ~1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3945 SAMPLE # _____

ANALYST AC DATE 7/8/83

SAMPLE DESCRIPTION: orange /red solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 251

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3948 SAMPLE # _____

ANALYST NC DATE 7/8/83

SAMPLE DESCRIPTION: white solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 251

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3949 SAMPLE # _____

ANALYST Ae DATE 7/8/83

SAMPLE DESCRIPTION: orange gel

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	IO		
	Hexane	SS		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60

Bielsteine _____

PCB Screen Comp # 251

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide _____

Cyanide neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3950 SAMPLE # _____

ANALYST H. Faure DATE 7-8-83

SAMPLE DESCRIPTION: Milky orange liq

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	S		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 252

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 0

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373. DRUM # 3951 SAMPLE # _____

ANALYST H. Faure DATE 7-8-83

SAMPLE DESCRIPTION: Red liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I		
	Hexane	S		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien POS

Flammability: F.P. >60°C

Bielsteine _____

PCB Screen Comp # ~~250~~ 241

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: CO

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3952 SAMPLE # _____

ANALYST Ac DATE 7/9/83

SAMPLE DESCRIPTION: yellow/white solid

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I O		
	Hexane	I		

ORGANIC SCHEME

Peroxide — ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # ~~244~~ 255

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3953 SAMPLE # _____

ANALYST AC DATE 7/9/83

SAMPLE DESCRIPTION: white solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 256

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3954 SAMPLE # _____

ANALYST AC DATE 7/9/83

SAMPLE DESCRIPTION: yellow/orange solid

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I O		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 256

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3955 SAMPLE # _____

ANALYST AE DATE 7/9/90

SAMPLE DESCRIPTION: yellow/brown solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I O		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 256

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 13

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3956 SAMPLE # _____

ANALYST AE DATE 7/9/83

SAMPLE DESCRIPTION: white solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 256

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3957 SAMPLE # _____

ANALYST Ae DATE 7/9/83

SAMPLE DESCRIPTION: white solid

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 255 ~~244~~

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3958 SAMPLE # _____

ANALYST H. Favre DATE 7-8-83

SAMPLE DESCRIPTION: Orange-brown, milky liq. / white liq.

LAYERING: 2

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I	S	
	Hexane	S	I	

ORGANIC SCHEME

Peroxide ND / ppm

Sulfide _____

Bielstien NEG

Flammability: F.P. >60°C

Bielsteine _____

PCB Screen Comp # 240/225

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: O/BW

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test
Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH ≥5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3959 SAMPLE # _____

ANALYST H. Faure DATE 7-8-83

SAMPLE DESCRIPTION: Clear liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	S		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien neg.

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 246

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: O

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description - Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH ≥5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3960 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: white s.l.

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I		
	Hexane	S		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 263

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 05

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1273 DRUM # 3962 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: White sol.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	~~S~~		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # ~~275~~ 262

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I3

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3963 SAMPLE # _____

ANALYST H. Favre DATE 7-9-83

SAMPLE DESCRIPTION: Yellow sol.

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I		
	Hexane	S		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 261

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: QS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3964 SAMPLE # _____

ANALYST H. Favre DATE 7-8-83

SAMPLE DESCRIPTION: Clear liq

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60

Bielsteine _____

PCB Screen Comp # 246

Result <50

AQUEOUS SCHEME

pH 6.5

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BW

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3965 SAMPLE # _____

ANALYST H. Favre DATE 7-8-83

SAMPLE DESCRIPTION: _____

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 321

Result _____

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3966 SAMPLE # _____

ANALYST H. Faure DATE 7-8-83

SAMPLE DESCRIPTION: Beige, milky l, n,

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg.

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 246

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BW

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3967 SAMPLE # _____

ANALYST H. Favre DATE 7-8-83

SAMPLE DESCRIPTION: Clear liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg.

Flammability: F.P. ≥60°

Bielsteine _____

PCB Screen Comp # 245

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3968 SAMPLE # _____

ANALYST H. Faure DATE 7-8-83

SAMPLE DESCRIPTION: white, milky liq

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 246

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3969 SAMPLE # _____

ANALYST H. Faure DATE 7-11-83

SAMPLE DESCRIPTION: white milky liq

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 290

Result _____

AQUEOUS SCHEME

pH 7

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3970 SAMPLE # _____

ANALYST DC DATE 7/9/83

SAMPLE DESCRIPTION: yellow/white solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I O		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 256

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3971 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: White milky liq / white sol.

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S	S	
	Hexane	I	I	

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 321

Result _____

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: _____

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH ≥5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3974 SAMPLE # _____

ANALYST H. Faure DATE 3-8-83

SAMPLE DESCRIPTION: Clear liq / dark liq

LAYERING: 2

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S	I	
	Hexane	I	SS	

ORGANIC SCHEME

Peroxide /ND ppm

Sulfide

Bielstien NEG

Flammability: F.P. >60C

Bielsteine

PCB Screen Comp # 242/245

Result <50

AQUEOUS SCHEME

pH 2

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES:

COMPATABILITY CATEGORY: ACID / O

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH ≥5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3975 SAMPLE # _____

ANALYST H. Faure DATE 7-8-83

SAMPLE DESCRIPTION: Yellow milky liq,

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 245

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NR6

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3976 SAMPLE # _____

ANALYST AC DATE 7/9/83

SAMPLE DESCRIPTION: white solid

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 256

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3978 SAMPLE # _____

ANALYST H. Favre DATE 7-8-83

SAMPLE DESCRIPTION: White, milky liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >600

Bielsteine _____

PCB Screen Comp # 246

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O -- R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) dilated to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test
Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH ≥5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3980 SAMPLE # _____

ANALYST H. Favre DATE 7-8-83

SAMPLE DESCRIPTION: Clear liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I		
	Hexane	S		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien NEG

Flammability: F.P. >60°C

Bielsteine _____

PCB Screen Comp # 240

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: O

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3981 SAMPLE # _____

ANALYST AC DATE 7/7/83

SAMPLE DESCRIPTION: brown/black solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 236

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3982 SAMPLE # _____

ANALYST [illegible] DATE 7/9/83

SAMPLE DESCRIPTION: white/brown solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 256

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH ≥5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3983 SAMPLE # _____

ANALYST H. Faure DATE 7-9-83

SAMPLE DESCRIPTION: Green, waxy soil.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O			
	Hexane			

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # 263

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 3

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3984 SAMPLE # _____

ANALYST H. Favre DATE 7-8-83

SAMPLE DESCRIPTION: Beige, milky liq

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien POS

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 245

Result <50

AQUEOUS SCHEME

pH 8

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3985 SAMPLE # _____

ANALYST AC DATE 7/9/83

SAMPLE DESCRIPTION: orange/brown solid

LAYERING: 1.

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # ~~244~~ 255

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number. Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test
Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3986 SAMPLE # _____

ANALYST Le DATE 7/9/83

SAMPLE DESCRIPTION: yellow/brown solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien _____

Flammability: F.P. _____

Bielsteine _____

PCB Screen Comp # ~~244~~ 253

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I5

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3987 SAMPLE # _____

ANALYST H. Faure DATE 7-8-83

SAMPLE DESCRIPTION: Clear liq

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg.

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 249

Result <50

AQUEOUS SCHEME

pH 3

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: ACID

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3988 SAMPLE # _____

ANALYST H. Faure DATE 7-8-83

SAMPLE DESCRIPTION: Thick, clear liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	S		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien Neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 248

Result <50

AQUEOUS SCHEME

pH 3

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: 0

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3989 SAMPLE # _____

ANALYST AC DATE 7/9/83

SAMPLE DESCRIPTION: white solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	IO		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide. _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # ~~244~~ 255

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH ≥5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3950 SAMPLE # _____

ANALYST H Faure DATE 7-8-83

SAMPLE DESCRIPTION: Thick, milky, white liq

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 245

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide NB

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - $\sim$1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3991 SAMPLE # _____

ANALYST AG DATE 7/7/83

SAMPLE DESCRIPTION: white solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 239

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3992 SAMPLE # _____

ANALYST AC DATE 7/8/82

SAMPLE DESCRIPTION: yellow liquid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	~~PO~~ PS		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 237

Result <50

AQUEOUS SCHEME

pH 7

Oxidizer NR

Peroxide ND

Cyanide neg.

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BW

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive

IO = Insoluble Organic - organic scheme

IOX = Insoluble Organic Halogenated Suspect (heavier than water)

S = Soluble - aqueous scheme unless soluble in hexane

PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme

S = Soluble - org[illegible]

SS = Slightly Soluble ([illegible]) [illegible]ganic scheme

Peroxide Test - Peroxide strips. ppm valu[illegible] determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for ha[illegible]ated solvent.
Posi. - green flame - ~1% s[illegible]
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3994 SAMPLE # _____

ANALYST H. Faure DATE 7-8-83

SAMPLE DESCRIPTION: Orange milky liq.

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	+		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 250

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3995 SAMPLE # _____

ANALYST AC DATE 7/8/93

SAMPLE DESCRIPTION: red/ orange liquid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	S		

ORGANIC SCHEME

Peroxide ND ppm

Sulfide _____

Bielstien pos

Flammability: F.P. <60

Bielsteine _____

PCB Screen Comp # 237

Result <30

AQUEOUS SCHEME

pH 5

Oxidizer ~~N/A~~ pos

Peroxide _____

Cyanide neg.

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: FO

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3997 SAMPLE # _____

ANALYST H. Faure DATE 7-8-83

SAMPLE DESCRIPTION: White milky liq

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	S		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien Neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 252

Result <50

AQUEOUS SCHEME

pH 7

Oxidizer NR

Peroxide ND

Cyanide NEG

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: BN..

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH ≥5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3997 SAMPLE # _____

ANALYST AC DATE 7/7/83

SAMPLE DESCRIPTION: white solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 236

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I3

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3998 SAMPLE # _____

ANALYST AL DATE 7/7/83

SAMPLE DESCRIPTION: white solid

LAYERING: _____

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	PS		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien neg

Flammability: F.P. >60°

Bielsteine _____

PCB Screen Comp # 238

Result <50

AQUEOUS SCHEME

pH 6

Oxidizer NR

Peroxide ND

Cyanide neg

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I3

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 3999 SAMPLE # _____

ANALYST AC DATE 7/7/83

SAMPLE DESCRIPTION: white solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 239

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: IS

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test
NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	

O.H. MATERIALS

COMPATABILITY TEST RESULTS FORM

PROJECT # 1373 DRUM # 4000 SAMPLE # _____

ANALYST AG DATE 7/7/83

SAMPLE DESCRIPTION: brown fiberous solid

LAYERING: 1

		1st Layer	2nd Layer	3rd Layer
SOLUBILITY:	H_2O	I0		
	Hexane	I		

ORGANIC SCHEME

Peroxide _____ ppm

Sulfide _____

Bielstien —

Flammability: F.P. —

Bielsteine _____

PCB Screen Comp # 239

Result <50

AQUEOUS SCHEME

pH _____

Oxidizer _____

Peroxide _____

Cyanide _____

ADDITIONAL TESTS

NOTES: _____

COMPATABILITY CATEGORY: I3

COMPATABILITY TESTS ABBREVIATIONS & EXPLANATIONS

Sample Description: Physical description; i.e., liquid, solid, sludge, viscosity, color

Solubility: H_2O - R = Reactive
IO = Insoluble Organic - organic scheme
IOX = Insoluble Organic Halogenated Suspect (heavier than water)
S = Soluble - aqueous scheme unless soluble in hexane
PS = Partially Soluble - dissolves and/or forms precipitate

Hexane - I = Insoluble - aqueous scheme
S = Soluble - organic scheme
SS = Slightly Soluble (highly viscous organic) - organic scheme

Peroxide Test - Peroxide strips. ppm value determined from strip container
ND = not detected

Sulfide Test - If requested

Bielstein Test - Copper wire over flame for halogenated solvent.
Posi. - green flame - ∿1% sensitivity
Neg. - yellow flame

Flammability - Flash point: >60°C nonflammable; <60°C flammable
Bielsteine: Ign - Ignitable

PCB - Composites of 5 samples (1 ml each) diluted to 10 ml
Given number Result: <50 ppm or >50 ppm

pH - pH paper. Record value

Oxidizer - Spot test

NR = No reaction
WO = Weak oxidizer
MO = Moderate oxidizer
SO = Strong oxidizer

Cyanide - Spot test

Pos - positive color change - quantitate with Orion 901
Neg - no color change

Compatability Category:

Liquids	Solids
O = Organic	OS = Organic
FO = Flammable Organic	IS = Inorganic
CO = Chlorinated Organic	AS = Inorganic Acid
PCB = PCB contaminated organic	RS = Reactive
OP = Organic Peroxide	
BN = Base/Neutral Aqueous (pH $\geq$5)	
A = Acid	
C = Cyanide	
OX = Oxidizer (strong acid)	
WR = Water Reactive	