CERTIFIED STATEMENT

RE: **Combined Systems, Inc.**

I, John Nicklin, state that the following facts are true and current to the best of my knowledge, information and belief:

1. The Mercer County Local Emergency Planning Committee [i.e., the Local Emergency Planning Committee (LEPC)] was designated by the State Emergency Response Commission (SERC) pursuant to the provisions of Section 301(c) of the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA) for the Commonwealth of Pennsylvania.

2. I am the Vice Chairman for the Mercer County LEPC.

3. On or about 3/24/10, a due diligent search of our records concerning the **Combined Systems, Inc.** facility located at **388 Kinsman Road, Jamestown, Pennsylvania 16134,** owned/operated by **Combined Systems, Inc.,** was conducted.

4. A facility is subject to Section 302 if an Extremely Hazardous Substance (EHS) is present in a quantity that meets or exceeds the Threshold Planning Quantity (TPQ) for that substance. Section 302(c) initially required the owner/operator of a covered facility to notify the SERC by May 17, 1987, that the facility was subject to the Emergency Planning provisions of EPCRA. Thereafter, the owner/operator of a covered facility is required to notify the SERC that it is subject to the requirements of Section 302 within 60 days after acquisition of the TPQ of an EHS covered by subsection (a) or a revision of the list referred to in subsection (a) for which the facility has present the TPQ of a substance on the revised list.

5. A response concerning this requirement of EPCRA was found by the LEPC. *(A/No)*

   If a response was found, please provide a copy with return of this Certified Statement and indicate the date that the response was received by the LEPC. 2/12/2007 [date Section 302 response received by LEPC].

6. Section 303(d) initially required the owner/operator of a facility covered under Section 302(c) to notify the LEPC by September 17, 1987, or within 30 days of the establishment of the LEPC, whichever was earlier, of a facility representative who will participate in the emergency planning process as the Facility Emergency Coordinator (FEC). Thereafter, paragraph (2) of subsection (a) requires the owner/operator of a facility to promptly notify the emergency planning committee of any relevant changes occurring at such facility as such changes occur or are expected to occur.

7. A response concerning this requirement of EPCRA was found by the LEPC.
(A/No)

If a response was found, please provide a copy with return of this Certified Statement and indicate the date that the response was received by the LEPC.
2/12/2007 [date Section 303 response received by LEPC].

8. Section 311(a)(1) of EPCRA requires owners/operators of a facility that must prepare or have available Material Safety Data Sheets (MSDSs) under the OSHA Hazard Communication Standard (HCS) to submit the actual MSDSs for each chemical, or a list of MSDS chemicals, present in quantities which meet or exceed the minimum threshold level for that substance by October 17, 1987, to the SERC, the LEPC, and the local Fire Department. Thereafter, Section 311 (d)(2) requires owners/operators of facilities to submit revised MSDSs or a revised list of MSDS chemicals to the SERC, the LEPC, and the local Fire Department within 3 months following the discovery of significant new information concerning an aspect of a hazardous chemical for which a MSDS was previously submitted, or acquisition of a hazardous chemical or EHS, for which a MSDS is required by OSHA, in quantities which meet or exceed the minimum threshold level for that substance.

9. A response concerning this requirement of EPCRA was found by the LEPC.
(A/No)
If a response for Section 311 was found by the LEPC or if the LEPC is accepting a Tier II Form as a response for Section 311, please indicate the date that the latest response was received by the LEPC.
8/6/2005 [date last Section 311 response received by LEPC]

If a response for Section 311 was found by the LEPC, please indicate the format of this response (e.g., list of MSDS chemicals, MSDSs).
1 MSDS [format of last Section 311 response received by LEPC]

10. Section 312(a)(1) requires the owner/operator of a facility that is covered by Section 311 of EPCRA to submit a Tier I or Tier II Report to the SERC, the LEPC, and the local Fire Department, on or before March 1, 1988, and annually thereafter, for all hazardous chemicals present at the facility in quantities which meet or exceed the minimum threshold level for that substance.

11a. For **Calendar Year 2007**:

A response concerning this requirement of EPCRA was found by the LEPC.
(A/No)

If a response to Section 312 for calendar year 2007 (which was due by March 1, 2008) was found by the LEPC, please provide a copy with return of this Certified Statement and indicate the date that the response was received by the LEPC.
3/25/08 [date Section 312 for calendar year 2007 response received by LEPC]

11b. For **Calendar Year 2008**:

A response concerning this requirement of EPCRA was found by the LEPC.
(A/No)

If a response to Section 312 for calendar year 2008 (which was due by March 1, 2009) was found by the LEPC, please provide a copy with return of this Certified Statement and indicate the date that the response was received by the LEPC.
_____ [date Section 312 for calendar year 2008 response received by LEPC]

11c. For **Calendar Year 2009**:

A response concerning this requirement of EPCRA was found by the LEPC.
(A/No)

If a response to Section 312 for calendar year 2009 (which was due by March 1, 2010) was found by the LEPC, please provide a copy with return of this Certified Statement and indicate the date that the response was received by the LEPC.
3/1/10 [date Section 312 for calendar year 2009 response received by LEPC]

12. With your response please include copies of additional information regarding compliance and requests for information that have been sent to, or received from, this facility. This may include but is not limited too, the last known Tier I or Tier II submission, requests for information, updates received and requested from off-site response plans and any other information you feel may be pertinent to this request for information.

John Nicklin
Vice Chairman
Mercer County LEPC

3/29/2010
DATE

SARA TITLE III - SECTION 302(c) NOTIFICATION

FEB 1 2 2007

The following extremely hazardous substance is present at this facility:

Malononitrile (109-77-3)

The amount is in excess of the threshold planning quantity for that substance, therefore, this facility is subject to the SARA Title III Section 302 (c) emergency planning notification requirement.

Facility Name:	Combined Tactical Systems, Inc.
Street Address:	388 Kinsman Road
City/State/Zip	Jamestown, PA 16134
County:	Mercer

In accordance with Section 303(d), the following facility representative will participate in the emergency planning process as the facility emergency coordinator.

Emergency Coordinator:	Daniel Lashinsky
Title:	Director of Safety
Telephone:	724-932-2177

Signed by: _____

Printed Name: Daniel Lashinsky

Title: Director of Safety

Date: 7 FEB 07

2 Chems 1 Plan #1436

06

FEB 1 2 2007

Pennsylvania Tier II Emergency and Hazardous Chemical Inventory

Reporting Period From January 1, 2006 to December 31, 2006

☐ Initial 5 Day Report ☑ Annual ☐ Revision

Facility Identification

ID	:	21112			
Name	:	COMBINED TACTICAL SYSTEMS INC			
Corporate Name	:	COMBINED TACTICAL SYSTEMS, INC.			
Street		388 KINSMAN ROAD	City	:	JAMESTOWN
Municipality	:	Greene Township	County	:	MERCER
State	:	PA	Zip	:	16134
Phone	:	724-932-2177	Lat/Long	:	41.4775/80.48194
Fax	:	724-932-3617	Email	:	edzarger@aegis-usa.com

Owner/Operator Details

Name	:	JACOB KRAVEL
Phone	:	724-932-2177
Mail Address	:	3 SOUTH CIRCLE DRIVE
City	:	GREATNECK
State	:	NY
Zip	:	11021
Country	:	US

Mailing Address if different from Facility ID Address

Name	:				
Street	:				
City	:		State	:	
Zip	:		Phone	:	
Attn	:				

SIC Code	:	3483	Dun & Brad No	:	945646123
NAICS	:		Mail ID	:	

Emergency Contacts

Name	:	DANIEL LASHINSKY			
Title	:	DIRECTOR OF SAFETY			
Phone	:	724-932-2177	24 Hr.Phone	:	724-589-0390
Name	:	JOE SCHRECENGOST			
Title	:	GENERAL MANAGER			
Phone	:	724-932-2177	24 Hr.Phone	:	814-882-5300

Mixture Components are listed in the Appendix.

Certification: I certify under penalty of law that I have personally examined and am familiar with the information submitted, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

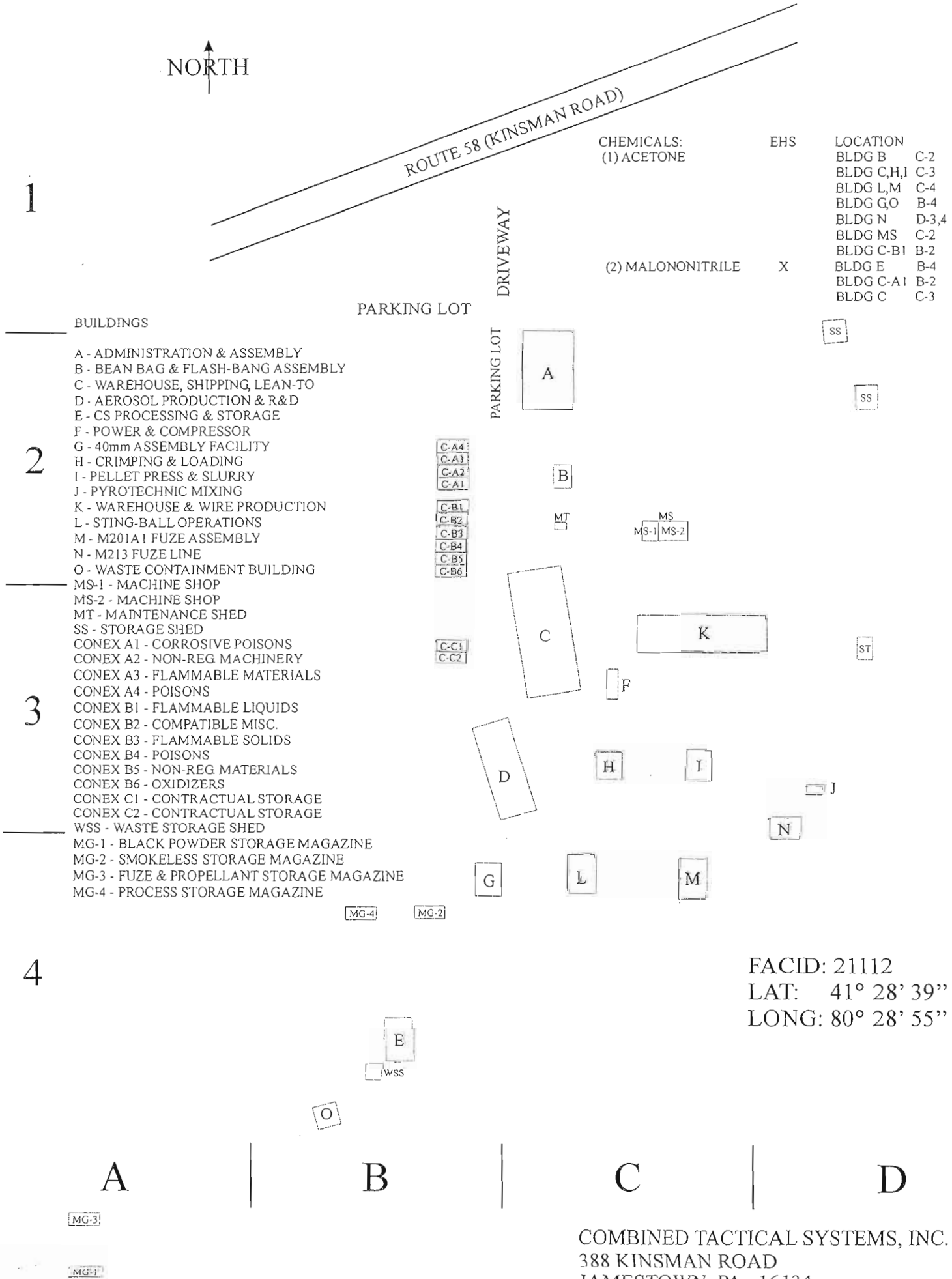
Daniel Lashinsky — 1/29/2007 4:58:49 PM

Name and official title of owner/operator or authorized representative: — Date — Signature

Optional Attachments

- ☑ Site Plan
- ☐ Site Coordinate Abbreviations
- ☐ Other Safeguard measures

Chemical Description	Physical & Health Hazards	Inventory	Storage Codes & Location			
Chemical ID : 475119 Check if Chemical Information has changed from the last submission : ☑ CAS : 67641 Trade Secret : ☐ Chemical Name : ACETONE EHS : ☐ EHS Name : ☑ Pure ☑ Mix ☐ Solid ☑ Liquid ☑ Gas	☑ Fire ☑ Pressure ☐ Reactivity ☑ Immediate ☑ Delayed (Chronic)	15000 Max Daily Amt(lbs) 04 Max Daily Amount Code 10000 Ave. Daily Amount (lbs.) 04 Ave. Daily Amount Code 365 No of days in site	Container Type	Pressure	Temperature	Storage Location
			D	1	4	BLDG B & BLDG MS AEROSOL C-2
			D	1	4	BUILDING C,H,I C-3
			D	1	4	BUILDING G,O B-4
			D	1	4	BUILDING L & BLDG M C-4
			D	1	4	BUILDING N D-3,4
			D	1	4	CONEX B1 B-2
Chemical ID : 475120 Check if Chemical Information has changed from the last submission : ☑ CAS : 109773 Trade Secret : ☐ Chemical Name : MALONONITRILE EHS : ☑ EHS Name : MALONONITRILE ☑ Pure ☐ Mix ☑ Solid ☐ Liquid ☐ Gas	☐ Fire ☐ Pressure ☐ Reactivity ☑ Immediate ☐ Delayed (Chronic)	3000 Max Daily Amt(lbs) 03 Max Daily Amount Code 2000 Ave. Daily Amount (lbs.) 03 Ave. Daily Amount Code 365 No of days in site	Container Type	Pressure	Temperature	Storage Location
			D	1	4	BUILDING E B-4
			D	1	4	CONEX A1 B-2
			D	1	4	BUILDING C C-3



CHEMICALS:	EHS	LOCATION	
(1) ACETONE		BLDG B	C-2
		BLDG C,H,I	C-3
		BLDG L,M	C-4
		BLDG G,O	B-4
		BLDG N	D-3,4
		BLDG MS	C-2
		BLDG C-B1	B-2
(2) MALONONITRILE	X	BLDG E	B-4
		BLDG C-A1	B-2
		BLDG C	C-3

BUILDINGS

A - ADMINISTRATION & ASSEMBLY
B - BEAN BAG & FLASH-BANG ASSEMBLY
C - WAREHOUSE, SHIPPING, LEAN-TO
D - AEROSOL PRODUCTION & R&D
E - CS PROCESSING & STORAGE
F - POWER & COMPRESSOR
G - 40mm ASSEMBLY FACILITY
H - CRIMPING & LOADING
I - PELLET PRESS & SLURRY
J - PYROTECHNIC MIXING
K - WAREHOUSE & WIRE PRODUCTION
L - STING-BALL OPERATIONS
M - M201A1 FUZE ASSEMBLY
N - M213 FUZE LINE
O - WASTE CONTAINMENT BUILDING

MS-1 - MACHINE SHOP
MS-2 - MACHINE SHOP
MT - MAINTENANCE SHED
SS - STORAGE SHED
CONEX A1 - CORROSIVE POISONS
CONEX A2 - NON-REG. MACHINERY
CONEX A3 - FLAMMABLE MATERIALS
CONEX A4 - POISONS
CONEX B1 - FLAMMABLE LIQUIDS
CONEX B2 - COMPATIBLE MISC.
CONEX B3 - FLAMMABLE SOLIDS
CONEX B4 - POISONS
CONEX B5 - NON-REG. MATERIALS
CONEX B6 - OXIDIZERS
CONEX C1 - CONTRACTUAL STORAGE
CONEX C2 - CONTRACTUAL STORAGE

WSS - WASTE STORAGE SHED
MG-1 - BLACK POWDER STORAGE MAGAZINE
MG-2 - SMOKELESS STORAGE MAGAZINE
MG-3 - FUZE & PROPELLANT STORAGE MAGAZINE
MG-4 - PROCESS STORAGE MAGAZINE

FACID: 21112
LAT: 41° 28' 39"
LONG: 80° 28' 55"

COMBINED TACTICAL SYSTEMS, INC.
388 KINSMAN ROAD
JAMESTOWN, PA. 16134

COMBINED TAC TICAL SYSTEMS 2006 PG 1 25 JAN 2007
LIST OF PRODUCTS TIER II IS BASED ON.

MSDS.MASTER	PRODUCT	VOL	CAS	INGREDIENT	MAX.AMOUNT	DAILY.AMOUNT	SARA.ACUTE	SARA.CHRONIC	SARA.FIRE	SARA.REACT	SARA.PRESSURE
R14801	12L14 STEEL (LEDLOY A , LEDLOY 300)	98.26	7439-89-6	IRON	40	25	Y	Y			
		1.00	7439-96-5	MANGANESE							
			7440-44-0	CARBON (.15)							
			7723-14-0	PHOSPHOROUS (.09)							
			7704-34-9	SULFUR (.35)							
		15-.35	7439-92-1	LEAD(.15-.35)							
500137	242 THREADLOCKER # 24231 ; ANAEROBIC SEALANT	60-100	25852-47-5	POLYGLYCOL DIMETHACRYLATE	1	1	Y	Y	N	N	N
		10-30	9004-96-0	POLYGLYCOL OLEATE							
		1-5	81-07-2	SACCHARIN							
		1-5	12945-52-5	SILICA, AMORPHOUS, FUMED, CRYSTA							
		1-5	80-15-9	CUMENE HYDROPEROXIDE							
		1-5	57-55-6	PROPYLENE GLYCOL							
R14129	404 QUICK SET INSTANT ADHESIVE # 46561 ; CYANOACRYLATE	60-100	7085-85-0	ETHYL CYANOACRYLATE	1	1	Y	Y	Y	Y	N
		93.0	VOC	VOC CONTENT: 1013 7 GRAMS/LITER							
				NO SECTION 313 CHEMICALS							
500180	412 SUPER BONDER INSTANT ADHESIVE 41261	60-100	7085-85-0	ETHYL CYANOACRYLATE	2	2	Y	Y	Y	Y	N
		30-60	84-74-2	DI-N-BUTYL PHTHALATE							
		77.5	VOC	VOC CONTENT							
				NO SARA SECTION 313 CHEMICALS AB							
500138	414 SUPER BONDER PLASTIC & VINYL INSTANT ADHESIVE . 41450	60-100	7085-85-0	ETHYL CYANOACRYLATE	20	10	Y	Y	Y	Y	N
		20 G/L	VOC	VOC CONTENT: G/L (CALIFORNIA SCA							
				NO SECTION 313 CHEMICALS							
R20598	454 PRISM SURFACE INSENSITIVE INSTANT ADHESIVE GEL # 45440	60-100	7085-85-0	ETHYL CYANOACRYLATE	1	1	Y	Y	Y	Y	N
		81 6	VOC	VOC CONTENT							
				NO SECTION 313 CHEMICALS							
970003	AC LACQUER THINNER 1 GL # GA12784	15-20	67-56-1	METHANOL	75	40	Y	Y	Y	N	N
		30-35	108-88-3	TOLUENE							
		1-5	1330-20-7	XYLENE							
		1	100-41-4	ETHYL BENZENE							
		1-5	67-64-1	ACETONE							
		1-5	ONE LISTED	ETHYL ACETATE							
		1-5	64742-89-8	LACOLENE							
		10-15	78-93-3	METHYL ETHYL KETONE BLEND							
		1-5	111-76-2	ETHYLENE GLYCOL MONOBUTYL ETHER							
		25-30	ONE LISTED	TOLUENE/MEK BLEND							
		100	VOC	VOLATILE % (BY WEIGHT)							
500122	ACETONE ; 2 - PROPANONE , DIMETHYL KETONE , KETONE PROPANE ,	99.9	67-64-1	ACETONE	5250	3000	Y	Y	Y	N	N
500165	AEROSIL , HYDROPHOBIC AMORPHOUS FUMED SILICA , AEROSIL R972	99.8	68611-44-9	SILANE, DIMETHYLDICHLORO-, REACT	220	125	Y	N	N	N	N
500201	ALUMINUM 6063 6101	98.1	7429-90-5	ALUMINUM	500	300	Y	Y	N	N	N
			7440-21-3	SILICON (.6)							
			7440-50-8	COPPER (.1)							
			7439-96-5	MANGANESE (.1)							
			7439-95-4	MAGNESIUM (.9)							
			7440-47-3	CHROMIUM(.1)							
			7440-66-6	ZINC (.1)							
			7440-32-5	TITANIUM (.1)							
R15060	ALUMINUM ALLOYS 6061	95.3	7429-90-5	ALUMINUM	500	300	Y	Y			
			7440-21-3	SILICON (8)							
			7439-89-6	IRON (.7)							
			7440-50-8	COPPER (.4)							
			7439-96-5	MANGANESE (.2)							
		1.2	7439-95-4	MAGNESIUM							
			7440-47-3	CHROMIUM (.4)							
			7440-66-6	ZINC (.3)							
			7440-32-6	TITANIUM (.2)							
R13241	AMOCO HYDRAULIC OIL ALL WEATHER		N/A	NO HAZARDOUS INGREDIENTS	400	250	N	N	N	N	N
100116	BLENDING BLACK MONOCAT C91 - S170 # 752656	39.62	111-76-2	2-BUTOXYETHANOL	3	2	Y	Y	Y	N	N

COMBINED TA CTICAL SYSTEMS 2006 PG 2 25 JAN 2007
LIST OF PRO DUCTS TIER II IS BASED ON.

MSDS.MASTER	PRODUCT	VOL	CAS	INGREDIENT	MAX.AMOUNT	DAILY.AMOUNT	SARA.ACUTE	SARA.CHRONIC	SARA.FIRE	SARA.REACT	SARA.PRESSURE
		4.32	71-36-3	N-BUTANOL							
		3.85	78-83-1	ISOBUTYL ALCOHOL							
		3.46	64-17-5	ETHANOL							
		1 44	8017-16-1	POLYPHOSPHORIC ACID							
		1 36	9004-70-0	NITROCELLULOSE RESIN							
		0.27	50-00-0	FORMALDEHYDE							
		52.24	VOC	VOLATILE ORGANIC COMPOUNDS							
624000	CARBON DIOXIDE , MEDIPURE CARBON DIOXIDE (MSDS NO. P-4574-I	>99	124-38-9	CARBON DIOXIDE	400	300	Y	N	N	N	Y
		100	VOC	PERCENT VOLATILES BY VOLUME							

				NO SECTION 313 CHEMICALS							
R13313	CARBON STEEL 1011 1016 1018 1021 1026 1029 1030 1035 1038 10	98.8	7439-89-6	IRON (FE)	1225	750	Y				
			7439-96-5	MANGANESE (.6-.9)							
			7440-44-0	CARBON (0.98)							
			7723-14-0	PHOSPHORUS (.04 MAX)							
			7704-34-9	SULFUR (0.05)							
R15321	CARTRIDGE BRASS 70% CDA 260	70	7440-50-8	COPPER	7	4	Y	Y	N	N	N
			1314-13-2	ZINC OXIDE							
		30	7440-66-6	ZINC							
R13317	CDA ALLOY 360 FREE CUTTING BRASS	61.5	7440-50-8	COPPER	25	15	Y	Y	N	N	N
		3.1	7439-92-1	LEAD							
			7439-89-6	IRON(0.35)							
		35.23	7440-66-6	ZINC							
R44854	CHEMLOK 7701 ; PRIMER	100	141-78-6	ETHYL ACETATE	10	6	Y	Y	Y	N	N
		3.0	ROPRIETARY	ORGANIC OXIDIZER							
		97.1	VOC	VOLATILE BY WEIGHT							
				NO SECTION 313 CHEMICALS							
R43681	CRC POWER LUBE MULTI - PURPOSE LUBRICANT - BULK # 05007 , 05	65-75	64742-47-8	PETROLEUM DISTILLATE	35	20	Y	N	N	N	N
		24-30	MIXTURE	INHIBITED PARAFFINIC OIL							
				NO SECTION 313 CHEMICALS							
500207	DOUBLE BASE SMOKELESS POWDER	0-40	55-63-0	NITROGLYCERIN	992	550	Y	N	N	N	N
		0-10	84-74-2	DIBUTYLPHTALATE							
		0-10	85-98-3	ETHYL CENTRALITE (DIETHYLDIPENYL							
		0-1.5	7759-79-1	POTASSIUM NITRATE							
		0-1.5	122-39-4	DIPHENYLAMINE							
		0-1.5	86-30-6	N,NITROSO DIPHENYLAMINE							
		0.02-1	7782-42-5	GRAPHITE							
		<2	VOC	VOLATILES, PERCENT BY VOLUME							
500212	DOW CORNING 832 MULTI - SURFACE ADHESIVE SEALANT , GREY # 02	0-70.0	ADE SECRET	POLYSILOXANE	13	8	Y	N	N	N	N
		0-7.0	1185-55-3	METHYLTRIMETHOXYSILANE							
		0-10.0	68083-19-2	CALCIUM CARBONATE TREATED WITH S							
		0-5.0	70131-67-8	DIMETHYL SILOXANE, HYDROXY-TERMI							
		<=0.1	14808-60-7	QUARTZ							
		RMINED		VOLATILE CONTENT							
				NO SECTION 313 CHEMICALS							
500253	DUCO CEMENT (6244)	>60	67-64-1	ACETONE	50	30	Y	Y	Y	N	N
		5-10	123-86-4	BUTYL ACETATE							
		5-10	67-63-0	ISOPROPYL ALCOHOL							
		10-30	9004-70-0	CELLULOSE NITRATE							
		1-5	76-22-2	CAMPHOR							
500210	EPON RESIN 828	100	25068-38-6	BISPHENOL A/EPICHLOROHYDRIN BASE	205	125	Y	Y	N	Y	N
			122-60-1	PHENYL GLYCIDYL ETHER							
500217	ETHANOL 190 PROOF	4-92.6	64-17-5	ETHANOL	375	200	Y	Y	Y	N	N
		4-7.6	7732-18-5	WATER							
				NO SECTION 313 CHEMICALS							
R27348	FORMULA 78			NO HAZARDOUS INGREDIENTS AS DEFI	5	3	N	N	N	N	N
R35135	GRANITE SURFACE PLATE CLEANER	<1	34590-94-8	DIPROPYLENE GLYCOL MONOMETHYL ET	5	3	N	N	N	N	N
		<1	6834-92-0	SODIUM METASILICATE ANHYDROUS							
COMBINED TA	CTICAL SYSTEMS 2006 PG 3 25 JAN 2007										
LIST OF PRO	DUCTS TIER II IS BASED ON.										
MSDS MASTER	PRODUCT	VOL...	CAS...	INGREDIENT	MAX AMOUNT	DAILY AMOUNT	SARA ACUTE	SARA CHRONIC	SARA FIRE	SARA REACT	SARA PRESSURE
		<1	7647-01-0	AQUEOUS SOLUTION OF THE TETRASOD							
				NO SECTION 313 CHEMICALS							
R13287	GRINDING AND CUTTING WHEELS , RESINOID ; TYPE 1 , TYPE 2	0-70	1344-28-1	ALUMINUM OXIDE	10	6	Y	Y	N	N	N
		0-70	409-21-2	AND/OR SILICON CARBIDE							
		0-30	1314-23-4	AND/OR ZIRCONIUM OXIDE							
		0-20	N/A	AND/OR CUBITRON							
		0-5	13463-67-7	AND/OR TITANIUM DIOXIDE							
		5-20	N/A	CURED PHENOLIC RESIN							
		0-20	N/A	AND/OR WOVEN FIBERGLASS							
		0-2	1317-65-3	AND/OR CALCIUM CARBONATE							
		0-5	1305-78-8	AND/OR CALCIUM OXIDE							
		0-5	7727-43-7	AND/OR BARIUM SULFATE							
		0-5	7704-34-9	AND/OR SULFUR							
		0-5	1314-98-3	AND/OR ZINC SULFIDE							
		0-5	1309-48-4	AND/OR MAGNESIUM OXIDE							
		0-5	1309-37-1	AND/OR IRON OXIDE							
		0-5	7782-42-5	AND/OR GRAPHITE							
		0-20	12068-85-8	AND/OR IRON PYRITE							
		1-10	15096-52-3	AND/OR CRYOLITE (AS FLUORIDES)							
		0-5	14075-53-7	AND/OR POTASSIUM FLUOROBORATE (A							
R20271	HIGH SPEED STEEL CUTTING TOOLS (TOOL STEEL ; METALWORKING T	50-90	7439-89-6	IRON	25	15	Y	Y	N	N	N
		1-20	7440-33-7	TUNGSTEN							
		0.5-10	7439-98-7	MOLYBDENUM							

		1-5	7440-47-3	CHROMIUM							
		1-5	7440-62-2	VANADIUM							
		5-10	7440-48-4	COBALT							
500244	ISOPROPYL ALCOHOL 99 % (IPA ; ISOPROPANOL ; DIMETHYL CARBIN	~99	67-63-0	ISOPROPYL ALCOHOL	712	400	Y	N	Y	N	N
R12890	K1 , K2S , K2SX02 , K2SX62 , K4H , K4H - M , K4HX02 , K400 ,	30-97	12070-12-1	TUNGSTEN CARBIDE (WC)	25	15	Y	Y	N	N	N
		2-25	7440-48-4	COBALT (CO)							
		0.1-15	12070-06-3	TANTALUM CARBIDE							
		0.1-15	12070-08-5	TITANIUM CARBIDE							
		0.1-5	12069-94-2	NIOBIUM CARBIDE							
		ICABLE	VOC	VOLATILES, PERCENT BY VOLUME							
R14935	KEROSENE	100	8008-20-6	KEROSENE	400	250	Y	Y	Y	N	N
		100	VOC	% VOLATILE							
				NO SECTION 313 CHEMICAL							
R52460	LINK - BELT SILICONE FLUID ; DOW CORNING 200 FLUID , VISCOSI			OSHA HAZARDOUS COMPONENTS: NONE	1	1	N	N	N	N	N
		>60.0	63148-62-9	POLYDIMETHYLSILOXANE							
				NO SECTION 313 CHEMICALS							
R39398	LOCQUIC PRIMER N 7649 # 21348 ; ACCELERATOR	60-100	67-64-1	ACETONE	1	1	Y	Y	Y	N	N
		10-30	75-28-5	ISOBUTANE							
		1.48	VOC	VOC CONTENT (EPA METHOD 24)							
				NO SECTION 313 CHEMICALS							
R20385	LOCTITE 222 THREADLOCKER LOW STRENGTH # 21463 ; ANAEROBIC SE	30-60	25852-47-5	POLYGLYCOL DIMETHACRYLATE	1	1	Y	Y	N	N	N
		30-60	9004-96-0	POLYGLYCOL OLEATE							
		5-10	68909-20-6	SILICA, AMORPHOUS, TREATED							
		1-5	81-07-2	SACCHRIN							
		1-5	57-55-6	PROPYLENE GLYCOL							
		1-5	80-15-9	CUMENE HYDROPEROXIDE							
R15323	LOCTITE 262 THREADLOCKER HIGH STRENGTH # 26231 ; ANAEROBIC S	60-100	25852-47-5	POLYGLYCOL DIMETHACRYLATE	1	1	Y	Y	N	N	N
		10-30	39382-25-7	BISPHENOL A FUMARATE RESIN							
		1-5	81-07-2	SACCHARIN							
		1-5	80-15-9	CUMENE HYDROPEROXIDE							
500199	LOCTITE 609 RETAINING COMPOUND PRESS FIT # 60921 ; ANAEROBIC	60-100	ONE LISTED	POLYGLYCOL DIMETHACRYLATE	3	2	Y	Y	N	N	N
		10-30	868-77-9	HYDROXYALKYL METHACRYLATE							
		1-5	ONE LISTED	POLYMER							
		1-5	80-15-9	CUMENE HYDROPEROXIDE							
□COMBINED TA	CTICAL SYSTEMS 2006 PG 4 25 JAN 2007										
LIST OF PRO	DUCTS TIER II IS BASED ON.										
MSDS.MASTER	PRODUCT	VOL	CAS	INGREDIENT	MAX.AMOUNT	DAILY.AMOUNT	SARA.ACUTE	SARA.CHRONIC	SARA.FIRE	SARA.REACT	SARA.PRESSURE
		34.0	VOC	VOC CONTENT:							
R30279	LPS TAPMATIC EDGE LUBE # 43200	3-5	9016-45-9	NONYLPHENOL POLYETHOXYLATE	1	1	Y	N	N	N	N
				NO SECTION 313 CHEMICALS							
122010	MACHINABLE WAX	100	NONELISTED	WAX	100	60	N	N	N	N	N
				NO SARA SECTION 313 CHEMICALS							
500115	MAGNESIUM CARBONATE	100	546-93-0	MAGNESIUM CARBONATE	6000	3500	Y	N	N	N	N
		>98	VOC	% NON-VOL (W/W):							
500160	MAGNESIUM OXIDE # 4550 & 4551	40.32	1309-48-4	MAGNESIUM OXIDE	1300	750	Y	N	N	N	N
500107	MAGNESIUM POWDER	99	7439-95-4	FREE METALLIC MAGNESIUM (MINIMUM	600	350	Y	N	N	Y	N
		.10	7440-66-6	ZINC (MAXIMUM)							
500113	MALONONITRILE # 11550 / 33012		109-77-3	MALONONITRILE	3307	1750	Y	N	N	N	N
500121	METHANOL	100	67-56-1	METHANOL	3500	2000	Y	N	Y	N	N
R40531	METHYL ETHYL KETONE (2-BUTANONE ; MEK ; ETHYL METHYL KETON	99.8	78-93-3	METHYL ETHYL KETONE	400	250					
		100		VOLATILITY/VOL %							
500151	MIL - V - 16399A TYPE - A TRANSPARENT RED ; MILVAR - 837A	30-35	1330-20-7	XYLENE	80	50	Y	N	Y	Y	N
		5-10	64742-95-6	AROMATIC NAPHTHA							
		5-10	64741-41-9	MINERAL SPIRITS							
		50	VOC	% VOLATILE VOLUME							
R12261	MOBIL VACTRA OIL NO. 4 # 600510-00			NO REPORTABLE INFREDIENTS	400	250	N	N	N	N	N
				NO SECTION 313 CHEMICALS							
R17897	MOBIL VELOCITE OIL NO 10 # 600684-00			NONE	400	250	N	N	N	N	N
		NE	VOC	VOLATILE ORGANIC COMPOUNDS							
				NO SECTION 313 CHEMICALS							
R12404	MOBIL VELOCITE OIL NO. 6	5-15	64741-44-2	STRAIGHT RUN GAS OIL	400	250	Y	Y	N	N	N
				NO SECTION 313 CHEMICALS							
R14573	MOBILITH AW-2 # 643536 - 00 , 970629 ; BASE OIL AND ADDITIVE	1-5	68457-79-4	ZINC DIALKYL DITHIOPHOSPHATE	400	250	N	N	N	N	N
			122-39-4	DIPHENYLAMINE							
R12413	MOBILMET S 122			THIS PRODUCT IS NOT FORMULATED T	400	250	N	N	N	N	N
		<100	N/A	BASE OILS, SEVERELY SOLVENT REFI							
		5-15	N/A	CARBOXYLIC ACID ANHYDRIDE							
				NO SECTION 313 CHEMICAL							
		NE	VOC	VOLATILE ORGANIC COMPOUND							
500178	MODERN SMOKELESS POWDERS - ST MARKS POWDERS - POWDER SPEED	0-40	55-63-0	NITROGLYCERIN	76	40	Y	N	N	N	Y
		0-10	84-74-2	DIBUTYL PHTHALATE							
		0-10	ROPRIETARY	POLYESTER ADIPATE							
		0-5	8050-09-7	ROSIN							
		0-1.5	141-78-6	ETHYL ACETATE							

		.3-1.5	122-39-4	DIPHENYLAMINE								
		0-1.5	86-30-6	N,NITROSO DIPHENYL AMINE								
		0-1.5	7757-79-1	POTASSIUM NITRATE								
		0-1.5	7778-80-5	POTASSIUM SULFATE								
		0-1.5	18282-10-5	TIN DIOXIDE								
		0-1.5	119-75-5	2-NITRO DIPHENYL AMINE								
		0.02-1	7782-42-5	GRAPHITE								
		0-1	1317-65-3	CALCIUM CARBONATE								
		.5-100	9004-70-0	NITROCELLULOSE								
R20355	MOLY - DEE TAPPING FLUID # 05086 - BW . 8T ; LUBRICANT ; MSD	35-40	61786-76-9	ALKANES, (C10-13), CHLORO	1	1	Y	N	N	N	N	
		10-15	64742-52-5	DISTILLATES (PETROLEUM), HYDROTR								
		1-5	64741-88-4	DISTILLATES (PETROLEUM), SOLVENT								
100112	MONOCAT SCREEN INK , C91 SERIES	38.56	111-76-2	2-BUTOXYETHANOL	2	2	Y	Y	N	N	N	
		0.85	50-00-0	FORMALDEHYDE								
		1-5	64-17-5	ETHYL ALCOHOL								
		1-5	67-63-0	ISOPROPYL ALCOHOL								
		1-5	12788-93-1	ACID BUTYL PHOSPHATE								
		2.50	71-36-3	N-BUTYL ALCOHOL								
		40	VOC	VOLATILES WGT								
100113	MONOCAT SCREEN INK ; C91 SERIES	38.56	111-76-2	2-BUTOXYETHANOL	1	1	Y	Y	N	N	N	
COMBINED TA	CTICAL SYSTEMS 2006 PG 5 25 JAN 2007											
LIST OF PRO	DUCTS TIER II IS BASED ON											
MSDS.MASTER	PRODUCT ...	VOL...	CAS	INGREDIENT.....	MAX.AMOUNT	DAILY.AMOUNT	SARA.ACUTE	SARA.CHRONIC	SARA.FIRE	SARA.REACT	SARA.PRESSURE	
		0.85	50-00-0	FORMALDEHYDE								
		1-5	64-17-5	ETHYL ALCOHOL								
		1-5	67-63-0	ISOPROPYL ALCOHOL								
		1-5	12788-93-1	ACID BUTYL PHOSPHATE								
		2.50	71-36-3	N-BUTYL ALCOHOL								
		40	VOC	VOLATILES WGT								
100114	MONOCAT SCREEN INK ; C91 SERIES	38.56	111-76-2	2-BUTOXYETHANOL	2	2	Y	Y	N	N	N	
		0.85	50-00-0	FORMALDEHYDE								
		1-5	64-17-5	ETHYL ALCOHOL								
		1-5	67-63-0	ISOPROPYL ALCOHOL								
		1-5	12788-93-1	ACID BUTYL PHOSPHATE								
		2.50	71-36-3	N-BUTYL ALCOHOL								
		40	VOC	VOLATILES WGT								
100120	MONOCAT SCREEN INK ; C91 SERIES	38.56	111-76-2	2-BUTOXYETHANOL	3	2	Y	Y	N	N	N	
		0.85	50-00-0	FORMALDEHYDE								
		1-5	64-17-5	ETHYL ALCOHOL								
		1-5	67-63-0	ISOPROPYL ALCOHOL								
		1-5	12788-93-1	ACID BUTYL PHOSPHATE								
		2.50	71-36-3	N-BUTYL ALCOHOL								
		40	VOC	VOLATILES WGT								
110115	MONOCAT SCREEN INK ; C91 SERIES	38.56	111-76-2	2-BUTOXYETHANOL	1	1	Y	Y	N	N	N	
		0.85	50-00-0	FORMALDEHYDE								
		1-5	64-17-5	ETHYL ALCOHOL								
		1-5	67-63-0	ISOPROPYL ALCOHOL								
		1-5	12788-93-1	ACID BUTYL PHOSPHATE								
		2.50	71-36-3	N-BUTYL ALCOHOL								
		40	VOC	VOLATILES WGT								
500116	NITROCELLULOSE 6% # 9989 ; A919989	90	67-64-1	ACETONE	6100	3500	Y	Y	Y	N	N	
		5	9004-70-0	CELLULOSE NITRATE								
		<5.0	67-63-0	ISOPROPANOL								
				NO SECTION 313 CHEMICALS								
500218	OLEORESIN CAPSICUM , W / S , DECOLORIZED , 2.0% MC 01 - 020	8-2.2	ONE LISTED	CAPSAICINOIDS	1617	900	Y	N	N	N	N	
		NIL	VOC	% VOLATILE BY VOL.								
970004	PARCO CLEANER 72 # 234311	30-60	7758-29-4	SODIUM TRIPOLYPHOSPHATE	450	250	Y	N	N	Y	N	
		20-50	1310-73-2	SODIUM HYDROXIDE								
		ICABLE		PERCENT VOLATILE								
970000	PLASTI-KOTE SUPER OR TARGET ENAMEL (T-1 GLOSS BLACK , 2 FLA	33-42	67-64-1	ACETONE	100	60	Y	Y	Y	N	Y	
		0-5	64742-95-6	AROMATIC HYDROCARBON								
		0-5	141-78-6	ETHYL ACETATE								
		5-10	64-17-5	ETHYL ALCOHOL								
		5-10	763-69-9	ETHYL 3-ETHOXY PROPIONATE								
		0-5	78-93-3	METHYL ETHYL KETONE								
		5-10	1330-20-7	XYLENE								
		23	68476-86-8	PROPANE-ISOBUTANE MIXTURE								
		80-90		VOLATILES (BY VOL)								
500117	POTASSIUM CHLORATE	99.8	3811-04-9	POTASSIUM CHLORATE	4125	2200	Y	N	N	N	N	
				NO SECTION 313 CHEMICALS								
500119	POTASSIUM NITRATE ; POTASH NITRATE , SALTPETER	100	7757-79-1	POTASIUM NITRATE	1000	600	Y	N	N	N	N	
		N/A		% VOLATILE BY VOLUME								
500200	POTASSIUM PERCHLORATE	100	7778-74-7	POTASSIUM PERCHLORATE	800	500	Y	Y	N	N	N	
		ILABLE	VOC	VOLATILITY								

500213	PRISM 411 CLEAR TOUGHENED INSTANT ADHESIVE # 41104 (CYANOA	60-100	7085-85-0	ETHYL CYANOACRYLATE	84	50	Y	Y	Y	Y	N
		85.6	VOC	VOC CONTENT							
				NO SECTION 313 CHEMIGALS							
R32560	PRISM PRIMER 770 # 18396 ; ACTIVATOR	95-100	142-82-5	N-HEPTANE	1	1	Y	Y	Y	N	N
		1-0.5	6674-22-2	SUBSTITUTED AMIDINE							
		99.9	VOC	VOALTILE ORGANIC COMPOUND (EPA M							
ECOMBINED TA	CTICAL SYSTEMS 2006 PG 6 25 JAN 2007										
LIST OF PRO	DUCTS TIER II IS BASED ON										
MSDS.MASTER	PRODUCT	VOL.	CAS	INGREDIENT	MAX.AMOUNT	DAILY.AMOUNT	SARA.ACUTE	SARA.CHRONIC	SARA.FIRE	SARA.REACT	SARA.PRESSURE
R10008	PROPANE (ODORIZED)	85-100	74-98-6	PROPANE	100	75	Y	N	Y	N	Y
		0-15	115-07-1	PROPYLENE							
		0-2.5	106-97-8	BUTANE AND HEAVIER							
		0-5	74-84-0	ETHANE							
		<0.1	75-08-1	ETHYL MERCAPTAN (ODORANT)							
500221	PROPYLENE GLYCOL USP : DZ70531	99	57-55-6	PROPYLENE GLYCOL	100	60	Y	Y	N	N	N
500189	PYRODEX , A PYROTECHNIC MIXTURE		ONE LISTED	CHARCOAL	223	125	Y	N	N	N	N
			ONE LISTED	SULFUR							
			ONE LISTED	POTASSIUM NITRATE							
			ONE LISTED	POTASSIUM PERCHLORATE							
			ONE LISTED	GRAPHITE							
R45368	QUINSYN PLUS # 144046			THIS PRODUCT IS NON-HAZARDOUS.	40	25	N	N	N	N	N
R33548A/B	SCOTCH WELD DP - 460 (PART A) OFF WHITE EPOXY ADHESIVE	50-60	4246-51-9	4,7,10-TRIOXATRIDECANE-1,13-DIAM	5	3	Y	Y	N	N	N
		20-30	ADE SECRET	MODIFIED DIGLYCIDYL ETHER OF BIS							
		7-13	25068-38-6	EPOXY RESIN							
		3-7	7631-86-9	AMORPHOUS SILICA							
		1-5	90-72-2	2,4,6-TRIS((DIMETHYLAMINO)-METHY							
		<2		PERCENT VOLATILE BY WT							
R33548B/B	SCOTCH WELD DP - 460 (PART B) OFF WHITE EPOXY ADHESIVE	80-90	25068-38-6	EPOXY RESIN	5	3	Y	Y	N	N	N
		10-20	ADE SECRET	ACRYLIC POLYMER - N.J. TRADE SEC							
		<2		PERCENT VOLATILE BY WT							
120074	SHOT SHELL PRIMERS ; 209 PRIMER , AA PRIMER	50-55	7439-89-6	IRON	5	3	Y	N	N	N	Y
		20-35	7440-50-8	COPPER							
		1-0.04	7439-92-1	LEAD							
		1-14	7440-66-6	ZINC							
		2-3	15245-44-0	LEAD STYPHNATE							
		2-3	T ASSIGNED	PAPER							
		1-3	7440-50-8	COPPER							
		.5-2.5	10022-31-8	BARIUM NITRATE							
		.8-1.1	1345-04-6	ANTIMONY SULFIDE							
		ICABLE	VOC	VOLATILES, PERCENT BY VOLUME							
201018	SHOT SHELL PRIMERS , 209 PRIMER , AA PRIMER	50-55	7439-89-6	IRON	630	400	Y	N	N	N	Y
		20-35	7440-50-8	COPPER							
		1-0.04	7439-92-1	LEAD							
		1-14	7440-66-6	ZINC							
		2-3	15245-44-0	LEAD STYPHNATE							
		2-3	T ASSIGNED	PAPER							
		1-3	7440-50-8	COPPER							
		.5-2.5	10022-31-8	BARIUM NITRATE							
		.8-1.1	1345-04-6	ANTIMONY SULFIDE							
		ICABLE	VOC	VOLATILES, PERCENT BY VOLUME							
100161	SILICA GEL DESICCANT GRADE 42, 43, 44 ; CAT# S160500, S160 1	.9	7646-79-9	COBALTOUS CHLORIDE	1040	600	Y	Y	N	Y	N
		99	12926-00-8	SILICA, AMORPHOUS, PRECIPITATED							
500154	SILICON METAL POWDER , NON AMORPHOUS	>97	7440-21-3	SILICON (SI)	600	350	Y	Y	Y	Y	N
		<2	7439-89-6	IRON (FE)							
		<2	7429-90-5	ALUMINUM (AL)							
				NO SECTION 313 CHEMICALS							
R31023	SILICONE MOLD RELEASE # E206		N/A	HALOGENATED HYDROCARBON/ETHER BL	1	1	Y	N	N	N	Y
		40-50	1717-00-6	DICHLOROFLUOROETHANE							
			ONE LISTED	NJ TRADE SECRET REGISTRY-8010038							
R25607	SODIUM CARBONATE (CARBONIC ACID , DISODIUM SALT ; SODIUM CA	99	497-19-8	SODIUM CARBONATE	1000	600	Y	Y	N	N	N
R14570	SODIUM HYDROXIDE 50 % (RAYON & REGULAR GRADES) ; CAUSTIC S	50	1310-73-2	SODIUM HYDROXIDE	450	250	Y	Y	N	N	N
		ICABLE	VOC	VOLATILES BY WEIGHT (%)							
				NO 313 CHEMICALS							
501060	SODIUM NITRATE	98.0	7631-99-4	SODIUM NITRATE	50	30	Y	Y	Y	N	N
500190	SOLVENT RED 111	100	82-83-2	ANTHRAQUINONE -SOLVENT RED 111	495	300	N	N	N	N	N
				NONE AS PER 29CFR PART 1910.1200							
ECOMBINED TA	CTICAL SYSTEMS 2006 PG 7 25 JAN 2007										
LIST OF PRO	DUCTS TIER II IS BASED ON										
MSDS.MASTER	PRODUCT	VOL.	CAS	INGREDIENT	MAX.AMOUNT	DAILY.AMOUNT	SARA.ACUTE	SARA.CHRONIC	SARA.FIRE	SARA.REACT	SARA.PRESSURE
500192	SOLVENT YELLOW 167	100	13354-35-3	SOLVENT YELLOW 167	715	400	Y	N	N	N	N
				NONE AS PER 29CFR PART 1910.1200							

R14661	SS 304 STAINLESS STEEL , 304L	19	7440-47-3	CHROMIUM	50	30	Y	Y	N	N	N
		9.25	7440-02-0	NICKEL							
			7440-44-0	CARBON (0.1)							
		2	7439-96-5	MANGANESE							
			7723-14-0	PHOSPHOROUS (.1MAX)							
			7704-34-9	SULPHUR (0.1)							
		1	7440-21-3	SILICON							
		66	7439-89-6	IRON							
R14662	SS 316 316L STAINLESS STEEL (NOT CAST)	17	7440-47-3	CHROMIUM	5	3	Y	Y	N	N	N
		12	7440-02-0	NICKEL							
			7440-44-0	CARBON (0.1)							
		2	7439-96-5	MANGANESE							
			7723-14-0	PHOSPHOROUS (0.1MAX)							
			7704-34-9	SULPHUR (0 1)							
		1	7440-21-3	SILICON							
		61	7439-89-6	IRON							
		2.5	7439-98-7	MOLYBDENUM							
500118	SUCROSE , 99 + % , A . C. S . REAGENT : 247618 : BEET SUGAR	99-100	57-50-1	SUCROSE	5000	3000	Y	N	N	N	N
500141	TITANIUM POWDER ; TI - 101 / 104 / 106 / 107 / 109	95	7440-32-6	TITANIUM	100	60	Y	N	N	N	N
				NO SECTION 313 CHEMICALS							
R34437	U-LINE FAST TACK ADHESIVE S - 313 # 61428090	33	110-54-3	N-HEXANE	12	6	Y	Y	Y	N	N
		11-30	67-64-1	ACETONE							
		11-30	115-10-6	DIMETHYL ETHER							
		11-30	75-28-5	ISOBUTANE							
		11-30	74-98-6	PROPANE							
		17		% NONVOLATILE (W/W).							
R10104	ULINE MASK OUT PAINT TAN S - 249	30-60	67-64-1	ACETONE	12	6	Y	Y	Y	N	Y
		10-30	68476-86-8	HYDROCARBON PROPELLANT							
		5-10	64742-89-8	ALIPHATIC PETROLEUM DISTILLATES							
		3-7	78-93-3	METHYL ETHYL KETONE							
		1-5	123-86-4	N-BUTYL ACETATE							
R46474	URETHANE MOLD RELEASE #-E236		N/A	HALOGENATED HYDROCARBON/ETHER BL	1	1	Y	Y	N	N	Y
			ONE LISTED	NJ TRADE SSECRET REGISTRY: #8010							
		40-50	1717-00-6	DICHLOROFLUROETHANE							
R10225	WD-40 AEROSOL	45-50	8052-41-3	ALIPHATIC PETROLEUM DISTILLATES	1	1	Y	N	N	N	Y
		15-25	64742-65-0	PETROLEUM BASE OIL							
		12-18	64742-47-8	LVP HYDROCARBON FLUID							
		2-3	124-38-9	CARBON DIOXIDE							
		<10	ONE LISTED	NON-HAZARDOUS INGREDIENTS							
				NO SECTION 313 CHEMICALS							
500166	ZINC POWDER # 1206 , 1212 , 1221 , 1222 , 1223 , 1225 , # 2	>98.0	7440-66-6	ZINC	1000	600	Y	Y	N	Y	N
		<.50	7439-92-1	LEAD							
		N/A	VOC	PERCENT VOLATILE BY VOLUME							
772286	ZIRCONIUM NICKEL DELAY			ZIRCONIUM	1000	600	Y	N	N	N	N
				POTASSIUM PERCHLORATE							
				BARIUM CHROMATE							

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2 Chems
1 EHS
1 Plan
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FEB 25 2008

Pennsylvania Tier II Emergency and Hazardous Chemical Inventory

Reporting Period From January 1, 2007 to December 31, 2007

☐ Initial 5 Day Report ☑ Annual ☐ Revision

Facility Identification

ID	:	21112			
Name	:	COMBINED SYSTEMS, INC.			
Corporate Name	:	COMBINED SYSTEMS, INC.			
Street	:	388 KINSMAN ROAD	City	:	JAMESTOWN
Municipality	:	Greene Township	County	:	MERCER
State	:	PA	Zip	:	16134
Phone	:	724-932-2177	Lat/Long	:	41.4775/80.48194
Fax	:	724-932-3617	Email	:	edzarger@aegis-usa.com

Owner/Operator Details

Name	:	COMBINED SYSTEMS, INC.
Phone	:	724-932-2177
Mail Address	:	388 KINSMAN ROAD
City	:	JAMESTOWN
State	:	PA
Zip	:	16134
Country	:	US

Mailing Address if different from Facility ID Address

Name	:				
Street	:				
City	:		State	:	
Zip	:		Phone	:	
Attn	:				

Emergency Contacts

Name	:	DANIEL LASHINSKY			
Title	:	DIRECTOR OF SAFETY			
Phone	:	724-932-2177	24 Hr.Phone	:	724-589-0390
Name	:	JOE SCHRECENGOST			
Title	:	GENERAL MANAGER			
Phone	:	724-932-2177	24 Hr.Phone	:	814-882-5300

SIC Code	:	3483	Dun & Brad No	:	945646123
NAICS	:	332995	Mail ID	:	

Mixture Components are listed in the Appendix.

Certification: I certify under penalty of law that I have personally examined and am familiar with the information submitted, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

DANIEL LASHINSKY — 2/20/2008 11:47:17 AM

Name and official title of owner/operator or authorized representative: | Date | Signature

Optional Attachments

- ☑ Site Plan
- ☐ Site Coordinate Abbreviations
- ☐ Other Safeguard measures

Chemical Description	Physical & Health Hazards	Inventory	Storage Codes & Location
Chemical ID : 483377 Check if Chemical Information has changed from the last submission : ☑ CAS : 2698411 Trade Secret : ☐ Chemical Name : CS (O-CHLOROBENZALMALONONITRILE) EHS : ☐ EHS Name : ☑ Pure ☑ Mix ☐ Solid ☑ Liquid ☐ Gas	☑ Fire ☑ Pressure ☐ Reactivity ☑ Immediate ☑ Delayed (Chronic)	20000 Max Daily Amt(lbs) 04 Max Daily Amount Code 20000 Ave. Daily Amount (lbs.) 04 Ave. Daily Amount Code 365 No of days in site	Container Type / Pressure / Temperature / Storage Location E / 1 / 4 / BLDG E GRID B-4 R / 1 / 4 / BLDG C,D,H,I GRID C-3 R / 2 / 4 / BLDG C,D GRID C-3
Chemical ID : 475120 Check if Chemical Information has changed from the last submission : ☑ CAS : 109773 Trade Secret : ☐ Chemical Name : MALONONITRILE EHS : ☑ EHS Name : MALONONITRILE ☑ Pure ☐ Mix ☑ Solid ☐ Liquid ☐ Gas	☐ Fire ☐ Pressure ☐ Reactivity ☑ Immediate ☐ Delayed (Chronic)	7000 Max Daily Amt(lbs) 03 Max Daily Amount Code 3000 Ave. Daily Amount (lbs.) 03 Ave. Daily Amount Code 365 No of days in site	Container Type / Pressure / Temperature / Storage Location D / 1 / 4 / BUILDING E B-4 D / 1 / 4 / CONEX A1 B-2 D / 1 / 4 / BUILDING C C-3

NORTH

ROUTE 58 (KINSMAN ROAD)

CHEMICALS:	EHS	LOCATION	
(1)CS (CHLOROBENZALMALONONITRILE)			
		BLDG E	B-4
		BLDG C,H,I	C-3
		BLDG D	C-3
(2) MALONONITRILE	X	BLDG E	B-4
		BLDG C-A1	B-2
		BLDG C	C-3

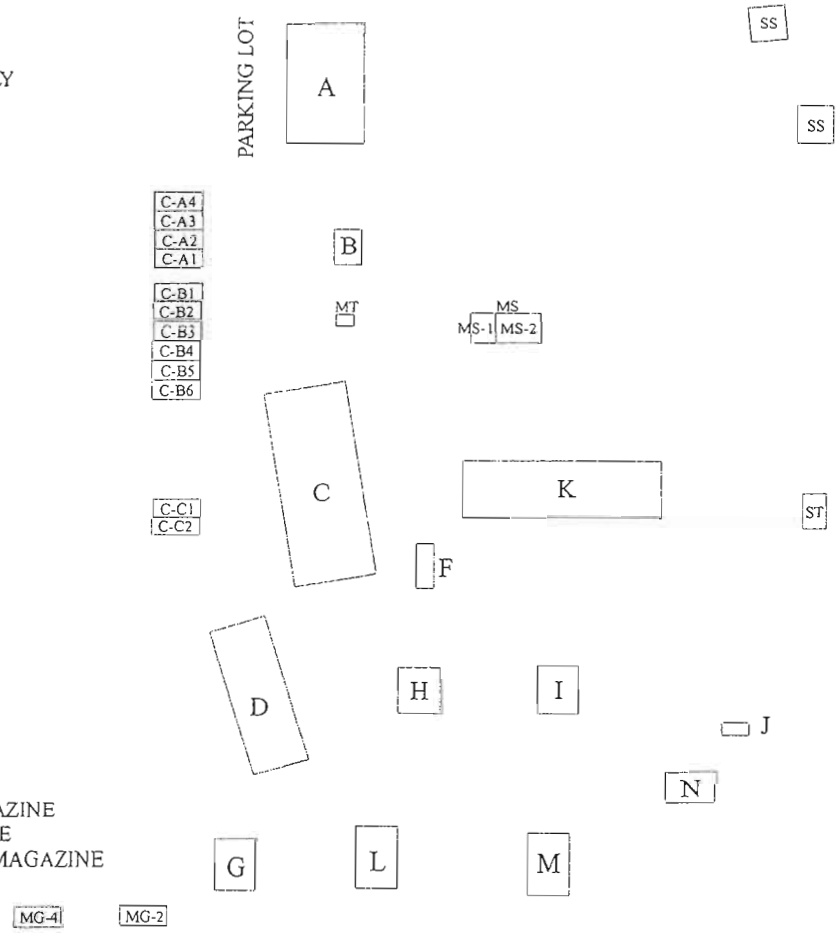
DRIVEWAY

PARKING LOT

PARKING LOT

BUILDINGS

A - ADMINISTRATION & ASSEMBLY
B - BEAN BAG & FLASH-BANG ASSEMBLY
C - WAREHOUSE, SHIPPING, LEAN-TO
D - AEROSOL PRODUCTION & R&D
E - CS PROCESSING & STORAGE
F - POWER & COMPRESSOR
G - 40mm ASSEMBLY FACILITY
H - CRIMPING & LOADING
I - PELLET PRESS & SLURRY
J - PYROTECHNIC MIXING
K - WAREHOUSE & WIRE PRODUCTION
L - STING-BALL OPERATIONS
M - M201A1 FUZE ASSEMBLY
N - M213 FUZE LINE
O - WASTE CONTAINMENT BUILDING
MS-1 - MACHINE SHOP
MS-2 - MACHINE SHOP
MT - MAINTENANCE SHED
SS - STORAGE SHED
CONEX A1 - CORROSIVE POISONS
CONEX A2 - NON-REG MACHINERY
CONEX A3 - FLAMMABLE MATERIALS
CONEX A4 - POISONS
CONEX B1 - FLAMMABLE LIQUIDS
CONEX B2 - COMPATIBLE MISC.
CONEX B3 - FLAMMABLE SOLIDS
CONEX B4 - POISONS
CONEX B5 - NON-REG MATERIALS
CONEX B6 - OXIDIZERS
CONEX C1 - CONTRACTUAL STORAGE
CONEX C2 - CONTRACTUAL STORAGE
WSS - WASTE STORAGE SHED
MG-1 - BLACK POWDER STORAGE MAGAZINE
MG-2 - SMOKELESS STORAGE MAGAZINE
MG-3 - FUZE & PROPELLANT STORAGE MAGAZINE
MG-4 - PROCESS STORAGE MAGAZINE



FACID: 21112
LAT: 41° 28' 39"
LONG: 80° 28' 55"

MG-3

MG-1

COMBINED SYSTEMS, INC.
388 KINSMAN ROAD
JAMESTOWN, PA. 16134

COMBINED SYSTEMS,INC. FACID 21112 2007
LIST OF PRODUCTS TIER II IS BASED ON.

MSDS.ID	PRODUCT.....	WT %	CAS.....	INGREDIENT.....	AC	CHR	FI	RE	PR
R14801	12L14 STEEL (LEDLOY A , LEDLOY 300)	98.26	7439-89-6	IRON	Y	Y	N	N	N
		1.00	7439-96-5	MANGANESE					
			7440-44-0	CARBON (.15)					
			7723-14-0	PHOSPHOROUS (.09)					
			7704-34-9	SULFUR (.35)					
		15-.35	7439-92-1	LEAD(.15-.35)					
500133	2 - CHLOROACETOPHENONE ; CHEMICAL MACE , ALPHA - CHLOROACETO	100	532-27-4	2-CHLOROACETOPHENONE	Y	N	N	N	N
500137	242 THREADLOCKER # 24231 ; ANAEROBIC SEALANT	60-100	25852-47-5	POLYGLYCOL DIMETHACRYLATE	Y	Y	N	N	N
		10-30	9004-96-0	POLYGLYCOL OLEATE					
		1-5	81-07-2	SACCHARIN					
		1-5	12945-52-5	SILICA, AMORPHOUS, FUMED, CRYSTA					
		1-5	80-15-9	CUMENE HYDROPEROXIDE					
		1-5	57-55-6	PROPYLENE GLYCOL					
			150-76-5	4-METHOXYPHENOL					
R54589	3 - IN - ONE WHITE LITHIUM GREASE AEROSOL; OLD PRODUCT NO. 1	25-35	64742-47-8	PETROLEUM SOLVENT	Y	N	Y	N	Y
		15-25	MIXTURE	LITHIUM GREASE					
		<1-5	1314-13-2	ZINC OXIDE					
		40-50	68476-86-8	HYDROCARBON PROPELLANT					
500180	412 SUPER BONDER INSTANT ADHESIVE 41261	60-100	7085-85-0	ETHYL CYANOACRYLATE	Y	Y	Y	Y	N
		30-60	84-74-2	DI-N-BUTYL PHTHALATE					
		77.5	VOC	VOC CONTENT					
				NO SARA SECTION 313 CHEMICALS AB					
500138	414 SUPER BONDER PLASTIC & VINYL INSTANT ADHESIVE # 41450	60-100	7085-85-0	ETHYL CYANOACRYLATE	Y	Y	Y	Y	N
		20 G/L	VOC	VOC CONTENT: G/L (CALIFORNIA SCA					
				NO SECTION 313 CHEMICALS					
500149	426 PRISM (R) BLACK MAX (R) GEL INSTANT ADHESIVE : 17529 : C	60-100	7085-85-0	ETHYL CYANOACRYLATE	Y	Y	Y	Y	N
		1-5	1333-86-4	CARBON BLACK					
				NO SECTION 313 CHEMICALS					
R45353	A - 9 ALUMINUM CUTTING FLUID	>70	64742-58-1	MINERAL OIL	Y	N	N	N	N
		<25	ADE SECRET	BLAND ADDITIVE					
		<16	ADE SECRET	BLAND ADDITIVE					
		<1	ONE LISTED	PERFUME					
		TRACE	ONE LISTED	GREEN DYE, PHARMACY GRADE					
				NO SECTION 313 CHEMICALS					
R14762	A 36 STEEL - A36	98.4	7439-89-6	IRON (FE)	Y	Y	N	N	N
		85-1.2	7439-96-5	MANGANESE					
			7440-44-0	CARBON (.29)					
			7723-14-0	PHOSPHOROUS (.04MAX)					
			7704-34-9	SULFUR (.05)					
			7440-50-8	COPPER (.2 MIN)					
			7440-21-3	SILICON (.3MAX)					
R11636	ABC DRY CHEMICAL FIRE EXTINGUISHANT ; MULTI-PURPOSE DRY CHEM	94	7722-76-1	MONO-AMMONIUM PHOSPHATE	Y	N	N	N	N

MSDS.ID	PRODUCT.....	WT %	CAS.....	INGREDIENT.....	AC	CHR	FI	RE	PR
			7783-20-2	AMMONIUM SULPHATE					
		<3	12174-11-7	ATTAPULGITE CLAY OR FULLERS EART					
		>1	14808-60-7	CRYSTALLINE SILICA (QUARTZ)					
		1-2	12001-26-2	MICA POTASSIUM ALUMINUM SILICATE					
		1-2	63148-57-2	SILICONE OIL METHYL HYDROGEN POL					
		<1	1317-65-3	CALCIUM CARBONATE					
		<1	12926-00-8	AMORPHOUS SILICA PRECIPITATED SY					
		<1	5468-75-7	YELLOW 14 PIGMENT - DI-AZO DYE					
				NO SECTION 313 CHEMICAL					
970003	AC LACQUER THINNER 1 GL # GA12784	15-20	67-56-1	METHANOL	Y	Y	Y	N	N
		30-35	108-88-3	TOLUENE					
		1-5	1330-20-7	XYLENE					
		1	100-41-4	ETHYL BENZENE					
		1-5	67-64-1	ACETONE					
		1-5	ONE LISTED	ETHYL ACETATE					
		1-5	64742-89-8	LACOLENE					
		10-15	78-93-3	METHYL ETHYL KETONE BLEND					
		1-5	111-76-2	ETHYLENE GLYCOL MONOBUTYL ETHER					
		25-30	ONE LISTED	TOLUENE/MEK BLEND					
		100	VOC	VOLATILE % (BY WEIGHT)					
R30967	ACCULUBE GEL PASTE : METAL WORKING LUBRICANT (HAND HELD PAST	LISTED	ONE LISTED	THIS PRODUCT CONTAINS NO CHEMICA	Y	N	N	N	N
500122	ACETONE ; 2 - PROPANONE , DIMETHYL KETONE , KETONE PROPANE ,	99.9	67-64-1	ACETONE	Y	Y	Y	N	N
500165	AEROSIL , HYDROPHOBIC AMORPHOUS FUMED SILICA , AEROSIL R972	99.8	68611-44-9	SILANE, DIMETHYLDICHLORO-, REACT	Y	N	N	N	N
R54037	AIR - FLO AIR TOOL OIL	>99.0	64742-54-7	MINERAL OIL	Y	N	N	N	N
		<1.0	ONE LISTED	INHIBITOR AND ANTI-WEAR ADDITIVE					
				NO SECTION 313 CHEMICALS					
R13319	ALUMINUM 5052 H32		7440-50-8	COPPER (.1)	Y	Y	N	N	N
		95.8	7429-90-5	ALUMINUM					
			7440-21-3	SILICON (.3)					
		2.8	7439-95-4	MAGNESIUM					
			7440-66-6	ZINC (.1)					
			7439-89-6	IRON(0.4)					
			7439-96-5	MANGANESE (.1)					
			7440-47-3	CHROMIUM(0.4)					
R14621	ALUMINUM 6063 6101	98.1	7429-90-5	ALUMINUM	Y	Y	N	N	N
			7440-21-3	SILICON (.6)					
			7440-50-8	COPPER (.1)					
			7439-96-5	MANGANESE (.1)					
			7439-95-4	MAGNESIUM (.9)					
			7440-47-3	CHROMIUM(.1)					
			7440-66-6	ZINC (.1)					
			7440-32-6	TITANIUM (.1)					
R15060	ALUMINUM ALLOYS 6061	95.3	7429-90-5	ALUMINUM	Y	Y	N	N	N
			7440-21-3	SILICON (.8)					
			7439-89-6	IRON (.7)					

MSDS.ID	PRODUCT.....	WT %	CAS.....	INGREDIENT.....	AC	CHR	FI	RE	PR
			7440-50-8	COPPER (.4)					
			7439-96-5	MANGANESE (.2)					
		1.2	7439-95-4	MAGNESIUM					
			7440-47-3	CHROMIUM (.4)					
			7440-66-6	ZINC (.3)					
			7440-32-6	TITANIUM (.2)					
500201	ALUMINUM POWDER , CI PIGMENT METAL , NO. 77000 , (SF-51 , S	98	7429-90-5	ALUMINUM	Y	N	N	N	N
		2	57-11-4	STEARIC ACID					
		N/A		VOLATILE BY VOLUME					
				CONTAINS SECTION 313 CHEMICAL					
500242	ALUMINUM POWDER , CI PIGMENT METAL , NO. 77000 , (SF-51 , S	98	7429-90-5	ALUMINUM	Y	N	N	N	N
		2	57-11-4	STEARIC ACID					
		N/A		VOLATILE BY VOLUME					
				CONTAINS SECTION 313 CHEMICAL					
R13241	AMOCO HYDRAULIC OIL ALL WEATHER		N/A	NO HAZARDOUS INGREDIENTS	N	N	N	N	N
120013	ANTIMONIAL LEAD # 41 - 80 - 503 , 505 , 550 , 750	8.5-97	7439-92-1	LEAD	Y	Y	N	N	N
		3-11.5	7440-36-0	ANTIMONY					
500256	BISMUTH PURIFIED ; C1309	100	7440-69-9	BISMUTH	Y	N	N	N	N
R56046	BLACK IRON OXIDE EPI -019 C.I. PIGMENT BLACK 11 , C.I. NO. 7	>99	1317-61-9	IRON OXIDE BLACK	Y	Y	N	N	N
500127	BLACK POWDER	70-76	7757-79-1	POTASSIUM NITRATE	Y	N	Y	Y	Y
		70-74	7631-99-4	SODIUM NITRATE					
		8-18	N/A	CHARCOAL					
		9-20	7704-34-9	SULFUR					
		TRACE	7782-42-5	GRAPHITE					
100116	BLENDING BLACK MONOCAT C91 - S170 # 752656	39.62	111-76-2	2-BUTOXYETHANOL	Y	Y	Y	N	N
		4.32	71-36-3	N-BUTANOL					
		3.85	78-83-1	ISOBUTYL ALCOHOL					
		3.46	64-17-5	ETHANOL					
		1.44	8017-16-1	POLYPHOSPHORIC ACID					
		1.36	9004-70-0	NITROCELLULOSE RESIN					
		0.27	50-00-0	FORMALDEHYDE					
		52.24	VOC	VOLATILE ORGANIC COMPOUNDS					
R56170	BRITE - MARK SILVER 40016 41016 84050 91016 - 33 , 916 , PM	50-60	1330-20-7	XYLENE	Y	Y	Y	N	N
		10-20	8052-41-3	STODDARD SOLVENT					
		10-20	7429-90-5	ALUMINUM FLAKE					
		1-10	100-41-4	ETHYL BENZENE					
		TRACE	108-88-3	TOLUENE					
		TRACE	NONELISTED	BENZENE					
R56047	BUTYRIC ACID SLB4627	100	107-92-6	BUTYRIC ACID	Y	N	Y	N	N
R41958	CAMIE 363 HI STR FAST TRACK ADH : FCA363	<35.0	110-54-3	HEXANE	Y	Y	Y	N	Y
		<20.0	74-98-6	PROPANE					
		<20.0	67-64-1	ACETONE					
		<15.0	115-10-6	DIMETHYL ETHER					
		82.3	VOC	VOLATILE BY WEIGHT					
		87.7		VOLATILE BY VOLUME					

MSDS.ID	PRODUCT.....	WT %	CAS.....	INGREDIENT.....	AC	CHR	FI	RE	PR
624000	CARBON DIOXIDE , MEDIPURE CARBON DIOXIDE (MSDS NO. P-4574-I	>99	124-38-9	CARBON DIOXIDE	Y	N	N	N	Y
		100	VOC	PERCENT VOLATILES BY VOLUME					
				NO SECTION 313 CHEMICALS					
R13313	CARBON STEEL 1011 1016 1018 1021 1026 1029 1030 1035 1038 10	98.8	7439-89-6	IRON (FE)	Y	N	N	N	N
			7439-96-5	MANGANESE (.6-.9)					
			7440-44-0	CARBON (0.98)					
			7723-14-0	PHOSPHORUS (.04 MAX)					
			7704-34-9	SULFUR (0.05)					
R15321	CARTRIDGE BRASS 70% CDA 260	70	7440-50-8	COPPER	Y	Y	N	N	N
			1314-13-2	ZINC OXIDE					
		30	7440-66-6	ZINC					
R13317	CDA ALLOY 360 FREE CUTTING BRASS	61.5	7440-50-8	COPPER	Y	Y	N	N	N
		3.1	7439-92-1	LEAD					
			7439-89-6	IRON(0.35)					
		35.23	7440-66-6	ZINC					
8799925	CHLORATE BASE PRIMERS M42C2 PRIMER , M39AIC PRIMER	55-65	7440-50-8	COPPER	N	N	N	N	Y
		25-35	7440-66-6	ZINC					
		.5-4.5	3811-04-9	POTASSIUM CHLORATE					
		.5-4.5	592-87-0	LEAD THIOCYANATE					
		1.5-2	MIXTURE	PAPER					
		.1-2	12013-55-7	CALCIUM SILICIDE					
		.1-1.5	10022-31-8	BARIUM NITRATE					
		.1-2	65997-17-3	GLASS POWDER					
R54991	CIMSTAR 3800B ; METALWORKING FLUID CONCENTRATE	3-7	141-43-5	MONOETHANOLAMINE	Y	N	N	N	N
		1-5	64742-52-5	SEVERELY-HYDROTREATED NAPHTHENIC					
		1-5	102-71-6	TRIETHANOLAMINE					
		1-5	78330-12-8	SODIUM ALKYLBENZENE SULFONATE					
		1-5	78-96-6	MONOISOPROPANOLAMINE					
				NO SECTION 313 CHEMICALS					
R21162A	CLASS I COATED ABRASIVE PRODUCT - SILICON CARBIDE (DRI-LUBE	60	409-21-2	SILICON CARBIDE	Y	N	N	N	N
		30	ONE LISTED	BACKING (CLOTH, PAPER)					
		10	ONE LISTED	BINDER SYSTEM (MIXTURE)					
		N/A	N/A	VOLATILE BY VOLUME					
500234	COLOR GUARD (TM) TOUGH RUBBER COATING - RED, YELLOW, BLUE	45-50	71-55-6	1,1,1-TRICHLOROETHANE*	Y	Y	N	N	N
		20-25	NONE	THERMOPLASTIC RUBBER					
		10-15	NONE	PETROLEUM SPIRITS**					
		5-10	75-09-2	METHYLENE CHLORIDE***					
		5-10	NONE	MODIFIED NATURAL RESINS					
		3-5	108-88-3	TOLUENE****					
		1-3	7631-86-9	SILICON DIOXIDE*****					
		1-3	NONE	CALCIUM CARBONATE					
		1	NONE	MINERAL SPIRITS					
720053	CONCRETE / CONCRETE PRODUCTS (WET UNHARDENED CONCRETE AND	10-30	65997-15-1	PORTLAND CEMENT	Y	Y	N	N	N
		0-65	1317-65-3	LIMESTONE (CACO3) (CALCIUM CARBO					
		0.5-80	14808-60-7	CRYSTALLINE SILICA (QUARTZ) (CON					

MSDS.ID	PRODUCT.....	WT %	CAS.....	INGREDIENT.....	AC	CHR	FI	RE	PR
		0-100		PARTICULATES NOT OTHERWISE CLASS					
		1-4	68131-74-8	FLY ASH WHICH CONTAINS:					
		0.1-2	1344-28-1	ALUMINUM OXIDE (AL2O3)					
		0.01-3	61790-53-2	AMORPHOUS SILICA					
		0-1	1305-78-8	CALCIUM OXIDE (CAO)					
		0.1-2	1309-37-1	IRON OXIDE (AS FE2O3)					
		<1	ONE LISTED	CHEMICAL ADMIXTURES MAY BE PRESE					
720079	CONCRETE / CONCRETE PRODUCTS (WET UNHARDENED CONCRETE AND	10-30	65997-15-1	PORTLAND CEMENT	Y	Y	N	N	N
		0-65	1317-65-3	LIMESTONE (CACO3) (CALCIUM CARBO					
		0.5-80	14808-60-7	CRYSTALLINE SILICA (QUARTZ) (CON					
		0-100		PARTICULATES NOT OTHERWISE CLASS					
		1-4	68131-74-8	FLY ASH WHICH CONTAINS:					
		0.1-2	1344-28-1	ALUMINUM OXIDE (AL2O3)					
		0.01-3	61790-53-2	AMORPHOUS SILICA					
		0-1	1305-78-8	CALCIUM OXIDE (CAO)					
		0.1-2	1309-37-1	IRON OXIDE (AS FE2O3)					
		<1	ONE LISTED	CHEMICAL ADMIXTURES MAY BE PRESE					
R43681	CRC POWER LUBE MULTI - PURPOSE LUBRICANT - BULK # 05007 , 05	65-75	64742-47-8	PETROLEUM DISTILLATE	Y	N	N	N	N
		24-30	MIXTURE	INHIBITED PARAFFINIC OIL					
				NO SECTION 313 CHEMICALS					
772262	CS	100	2698-41-1	O-CHLOROBENZALMALONONITRILE	Y	Y	N	N	N
500215	CYCLOHEXANONE ; 5881 , 9209 , 9210 , G032 , 4872 , 4876 ; PI	99-100	108-94-1	CYCLOHEXANONE	Y	Y	Y	N	N
				NO SECTION 313 CHEMICALS					
500207	DOUBLE BASE SMOKELESS POWDER	0-40	55-63-0	NITROGLYCERIN	Y	N	N	N	N
		0-10	84-74-2	DIBUTYLPHTALATE					
		0-10	85-98-3	ETHYL CENTRALITE (DIETHYLDIPENYL					
		0-1.5	7759-79-1	POTASSIUM NITRATE					
		0-1.5	122-39-4	DIPHENYLAMINE					
		0-1.5	86-30-6	N,NITROSO DIPHENYLAMINE					
		0.02-1	7782-42-5	GRAPHITE					
		<2	VOC	VOLATILES, PERCENT BY VOLUME					
500212	DOW CORNING 832 MULTI - SURFACE ADHESIVE SEALANT , GREY # 02	0-70.0	ADE SECRET	POLYSILOXANE	Y	N	N	N	N
		.0-7.0	1185-55-3	METHYLTRIMETHOXYSILANE					
		0-10.0	68083-19-2	CALCIUM CARBONATE TREATED WITH S					
		.0-5.0	70131-67-8	DIMETHYL SILOXANE, HYDROXY-TERMI					
		<=0.1	14808-60-7	QUARTZ					
		RMINED		VOLATILE CONTENT					
				NO SECTION 313 CHEMICALS					
500253	DUCO CEMENT (6244)	>60	67-64-1	ACETONE	Y	Y	Y	N	N
		5-10	123-86-4	BUTYL ACETATE					
		5-10	67-63-0	ISOPROPYL ALCOHOL					
		10-30	9004-70-0	CELLULOSE NITRATE					
		1-5	76-22-2	CAMPHOR					
R42149	DUST - OFF DUSTER ; DYMEL 152A , DPS , DPSCN , DPSX , DPSR ,	100	75-37-6	1,1-DIFLUOROETHANE	Y	N	Y	N	Y
500174	EASISOLVE 120 ; SOLVENT CLEANER		97-95-8	ISOBUTYL ISOBUTYRATE	Y	N	N	N	N

MSDS.ID	PRODUCT.....	WT %	CAS.....	INGREDIENT.....	AC	CHR	FI	RE	PR
				NO SECTION 313 CHEMICALS					
720045A	EP1026 CLEAR - A		25068-38-6	BISPHENOL-A TYPE EPOXY RESIN	Y	N	N	N	N
720045B	EP1026 CLEAR - B		90-72-2	2,4,6-TRIS((DIMETHYLAMINO)METHYL	Y	Y	N	N	N
720001A	EP1215 CLEAR - A EPOXY RESIN	100	25068-38-6	BISPHENOL-A TYPE EPOXY RESIN	Y	N	N	N	N
720001B	EP1215 CLEAR - B POLYAMINE BLEND	LISTED	68082-29-1	POLYAMIDE RESIN	Y	Y	N	N	N
		LISTED	61788-32-7	HYDROGENATED TERPHENYLS					
		LISTED	NONELISTED	NONYL PHENOL					
500210	EPI - CURE 3140 CURING AGENT (FORMERLY EPON CURING AGENT V	>84	68410-23-1	FATTY ACID POLYAMIDES	Y	Y	N	N	N
		<16	112-24-3	TRIETHYLENETETRAMINE (TETA)					
500172A	EPO TEK 301 - 2 , PART A	75-100	1675-54-3	DIGLYCIDYL ETHER OF BISPHENOL A	Y	Y	N	N	N
500172B	EPO TEK 301 - 2 , PART B	75-100	9046-10-0	POLYOXYPROPYLENEDIAMINE	Y	Y	N	N	N
				NO SECTION 313 CHEMICALS					
500211	EPON RESIN 828 ; K122F , K122K ; MSDS NUMBER 23 ; EPOSY RESI	100	25068-38-6	REACTION PRODUCT: BISPHENOL-A-(E	N	Y	N	N	N
		0.0006	122-60-1	PHENYL GLYCIDYL ETHER					
R22872	EQUIPMENT FLUSHING SOLVENT (12121) (CHLORINATED HYDROCARB	60-100	75-09-2	METHYLENE CHLORIDE	Y	Y	N	N	N
		.1-1	75-56-9	PROPYLENE OXIDE					
500217	ETHANOL 190 PROOF	4-92.6	64-17-5	ETHANOL	Y	Y	Y	N	N
		.4-7.6	7732-18-5	WATER					
				NO SECTION 313 CHEMICALS					
R46034	ETHYL ACETATE 99% # 3345000 415 00A	-100.0	141-78-6	ETHYL ACETATE	N	Y	Y	N	N
		00.000	VOC	VOLATILE ORGANIC COMPOUNDS					
		100.0		PERCENT VOLATILES					
				NO SECTION 313 CHEMICALS					
500258	ETHYLCELLULOSE COMPOUND		9004-57-3	ETHYLCELLULOSE	N	N	N	N	N
			61702-88-3	ALKYLATES PHENYL ETHER					
				NO SECTION 313 CHEMICALS					
500230	FORANE 134A # 04134 ; R-134A , HFC-134A	100	811-97-2	1,1,1,2-TETRAFLUROETHANE (HFC-13	Y	N	N	N	Y
		100		% VOLATILES BY VOLUME:					
R27348	FORMULA 78			NO HAZARDOUS INGREDIENTS AS DEFI	N	N	N	N	N
370091	GLASS BEADS ; MSDS NO. 365 - PRELIM	100	ONE LISTED	GLASS	Y	N	N	N	N
		~70	ONE LISTED	SILICON DIOXIDE					
		~13	ONE LISTED	SODIUM OXIDE					
		~7	ONE LISTED	CALCIUM OXIDE					
		~4	ONE LISTED	MAGNESIUM OXIDE					
		~3	ONE LISTED	POTASSIUM OXIDE					
		~1	ONE LISTED	ALUMINUM OXIDE					
			65997-17-3	SYNTHETIC VITROUS FIBRES					
R13287	GRINDING AND CUTTING WHEELS : RESINOID , TYPE 1 , TYPE 27 ,	0-70	1344-28-1	ALUMINUM OXIDE	Y	Y	N	N	N
		0-70	409-21-2	AND/OR SILICON CARBIDE					
		0-30	1314-23-4	AND/OR ZIRCONIUM OXIDE					
		0-20	N/A	AND/OR CUBITRON					
		0-5	13463-67-7	AND/OR TITANIUM DIOXIDE					
		5-20	N/A	CURED PHENOLIC RESIN					
		0-20	N/A	AND/OR WOVEN FIBERGLASS					
		0-2	1317-65-3	AND/OR CALCIUM CARBONATE					

MSDS.ID	PRODUCT.....	WT %	CAS.....	INGREDIENT.....	AC	CHR	FI	RE	PR
		0-5	1305-78-8	AND/OR CALCIUM OXIDE					
		0-5	7727-43-7	AND/OR BARIUM SULFATE					
		0-5	7704-34-9	AND/OR SULFUR					
		0-5	1314-98-3	AND/OR ZINC SULFIDE					
		0-5	1309-48-4	AND/OR MAGNESIUM OXIDE					
		0-5	1309-37-1	AND/OR IRON OXIDE					
		0-5	7782-42-5	AND/OR GRAPHITE					
		0-20	12068-85-8	AND/OR IRON PYRITE					
		1-10	15096-52-3	AND/OR CRYOLITE (AS FLUORIDES)					
		0-5	14075-53-7	AND/OR POTASSIUM FLUOROBORATE (A					
R16772	GROUND SULFUR , INDUSTRIAL OR RUBBERMAKER'S (BRIMSTONE , SU	>99.8	7704-34-9	SULFUR	Y	Y	Y	N	N
		QUIRED	64742-52-5	PROCESS OIL					
		QUIRED	546-93-0	MAGNESIUM CARBONATE					
R36870	HEXANOIC ACID # 105 0236 ; 105 0244 ; 105 0251	CA.100	142-62-1	HEXANOIC ACID	Y	N	N	N	N
R20271	HIGH SPEED STEEL CUTTING TOOLS (TOOL STEEL ; METALWORKING T	50-90	7439-89-6	IRON	Y	Y	N	N	N
		1-20	7440-33-7	TUNGSTEN					
		0.5-10	7439-98-7	MOLYBDENUM					
		1-5	7440-47-3	CHROMIUM					
		1-5	7440-62-2	VANADIUM					
		5-10	7440-48-4	COBALT					
500226	HODGDON CLAYS R - UNIVERSAL CLAYS R - INTERNATIONAL CLAYS R	>85	9004-70-0	NITROCELLULOSE	Y	Y	Y	Y	Y
		10	55-63-0	NITROGLYCERIN					
		1	122-39-4	DIPHENYLAMINE					
		0-1	7782-42-5	GRAPHITE					
500227	HODGDON CLAYS R - UNIVERSAL CLAYS R - INTERNATIONAL CLAYS R	>85	9004-70-0	NITROCELLULOSE	Y	Y	Y	Y	Y
		10	55-63-0	NITROGLYCERIN					
		1	122-39-4	DIPHENYLAMINE					
		0-1	7782-42-5	GRAPHITE					
500250	HODGDON CLAYS R - UNIVERSAL CLAYS R - INTERNATIONAL CLAYS R	>85	9004-70-0	NITROCELLULOSE	Y	Y	Y	Y	Y
		10	55-63-0	NITROGLYCERIN					
		1	122-39-4	DIPHENYLAMINE					
		0-1	7782-42-5	GRAPHITE					
R40082	HWY DIESEL 1 (K-1)	0-100	64742-81-0	HYDRODESULFURIZED KEROSENE	Y	Y	Y	N	N
		0-3	91-20-3	NAPHTHALENE					
		0-1	ONE LISTED	PROPRIETARY ADDITIVES					
		100		% VOLATILES BY VOL:					
500244	ISOPROPYL ALCOHOL 99 % (IPA ; ISOPROPANOL ; DIMETHYL CARBIN	~99	67-63-0	ISOPROPYL ALCOHOL	Y	N	Y	N	N
R12890	K1 , K2S , K2SX02 , K2SX62 , K4H , K4H-M , K4HX02 , K400 , K	30-97	12070-12-1	TUNGSTEN CARBIDE (WC)	Y	Y	N	N	N
		2-25	7440-48-4	COBALT (CO)					
		0.1-15	12070-06-3	TANTALUM CARBIDE					
		0.1-15	12070-08-5	TITANIUM CARBIDE					
		0.1-5	12069-94-2	NIOBIUM CARBIDE					
		ICABLE	VOC	VOLATILES, PERCENT BY VOLUME					
500109	K204110 POLYESTER RESIN - LAMINAC 4110	60-65	ADE SECRET	POLYESTER RESIN	Y	N	Y	N	N
		35-45	100-42-5	STYRENE					

MSDS.ID	PRODUCT.....	WT %	CAS.....	INGREDIENT.....	AC	CHR	FI	RE	PR
R14935	KEROSENE	100	8008-20-6	KEROSENE	Y	Y	Y	N	N
		100	VOC	% VOLATILE					
				NO SECTION 313 CHEMICAL					
100222	KRAFT BAG DESICCANTS ; DESI PAK # S - 1055	>=99	1302-78-9	MONTMORILLONITE CLAY MINERAL	Y	Y	N	N	N
			14808-60-7	SILICON DIOXIDE (CRYSTALLINE QUA					
		<3.0	VOC	PERCENT VOLATILE: BY WEIGHT AT 1					
500228	LAMINAC 4116	38	100-42-5	STYRENE, MONOMER	Y	N	Y	N	N
RBATTER	LEAD ACID BATTERY WET , FILLED WITH ACID , ELECTRIC	30	7664-93-9	SULFURIC ACID	Y	Y	N	Y	N
RBATTER	LEAD ACID BATTERY WET , FILLED WITH ACID , ELECTRIC SULFURIC	60-65	7439-92-1	LEAD	Y	Y	N	N	N
		0-5	7440-36-0	ANTIMONY					
		0-.25	7440-31-5	TIN					
		0-.2	7440-38-2	ARSENIC					
		22-25	NA	OTHER NON-HAZARDOUS COMPONENTS					
500199	LOCTITE 609 RETAINING COMPOUND PRESS FIT ; 60921 ; ANAEROBIC	60-100	ONE LISTED	POLYGLYCOL DIMETHACRYLATE	Y	Y	N	N	N
		10-30	868-77-9	HYDROXYALKYL METHACRYLATE					
		5-10	68132-02-5	COUMARONE-INDENE RESIN					
		1-5	9003-42-3	POLY (ETHYL METHACRYLATE)					
		1-5	80-15-9	CUMENE HYDROPEROXIDE					
		1-5	81-07-2	SACCHARIN					
500110	LUPEROX DDM - 9 ; LUPERSOL DDM - 9	58	6846-50-0	2,2,4,-TRIMETHYL-1,3-PENTANEDIOL	Y	N	Y	Y	N
		32-34	1338-23-4	METHYL ETHYL KETONE PEROXIDE(S)					
		6	107-41-5	HEXYLENE GLYCOL					
		1-2	78-93-3	METHYL ETHYL KETONE					
		0.7	7722-84-1	HYDROGEN PEROXIDE					
		<0.7	7732-18-5	WATER					
122010	MACHINABLE WAX	100	NONELISTED	WAX	N	N	N	N	N
				NO SARA SECTION 313 CHEMICALS					
500115	MAGNESIUM CARBONATE	100	546-93-0	MAGNESIUM CARBONATE	Y	N	N	N	N
		>98	VOC	% NON-VOL (W/W):					
500160	MAGNESIUM OXIDE # 4550 & 4551	40.32	1309-48-4	MAGNESIUM OXIDE	Y	N	N	N	N
500132	MAGNESIUM POWDER	99	7439-95-4	FREE METALLIC MAGNESIUM (MINIMUM	Y	N	N	Y	N
		.10	7440-66-6	ZINC (MAXIMUM)					
500113	MALONONITRILE # 11550 / 33012	100	109-77-3	MALONONITRILE	Y	N	N	N	N
R49427	MAPLLC PREMIUM UNLEADED GASOLINE : CONVENTIONAL PREMIUM UNLE	100	86290-81-5	MAPLLC PREMIUM UNLEADED GASOLIN	Y	Y	Y	N	N
			ONE LISTED	SATURATED HYDROCARBONS					
			ONE LISTED	AROMATIC HYDROCARBONS					
			ONE LISTED	TOLUENE					
			ONE LISTED	XYLENE					
			ONE LISTED	UNSATURATED HYDROCARBONS					
			ONE LISTED	1,2,4-TRIMETHYLBENZENE					
			ONE LISTED	BENZENE					
			ONE LISTED	ETHYLBENZENE					
		100	VOC	VOC CONTENT					
500121	METHANOL	100	67-56-1	METHANOL	Y	N	Y	N	N
R40531	METHYL ETHYL KETONE (2-BUTANONE ; MEK ; ETHYL METHYL KETON	99.8	78-93-3	METHYL ETHYL KETONE					

MSDS.ID	PRODUCT.....	WT %	CAS.....	INGREDIENT.....	AC	CHR	FI	RE	PR
		100		VOLATILITY/VOL %					
500151	MIL - V - 16399A , TYPE - A TRANSPARENT RED ; MILVAR - 837A	30-35	1330-20-7	XYLENE	Y	N	Y	Y	N
		5-10	64742-95-6	AROMATIC NAPHTHA					
		5-10	64741-41-9	MINERAL SPIRITS					
		50	VOC	% VOLATILE VOLUME					
R19659	MOBIL ALMO 525 # 603183 - 00 , 970924 ; BASE OIL AND ADDITIV	100	MIXTURE	BASE OIL AND ADDITIVES	Y	N	N	N	N
		1-5	61788-76-9	CHLORO ALKANES					
			7782-50-5	CHLORINE (ELEMENTAL ANALYSIS)					
			68649-42-3	PHOSPHORODITHOIC ACID, O,O-DI C1					
R13171	MOBIL VACTRA OIL NO. 2 # 600494 - 00 ; 60049C	100	NONELISTED	PET. HYDROCARBONS & ADDITIVES	N	N	N	N	N
				NO SECTION 313 CHEMICALS					
R12261	MOBIL VACTRA OIL NO. 4 # 600510-00			NO REPORTABLE INFREDIENTS	N	N	N	N	N
				NO SECTION 313 CHEMICALS					
R17897	MOBIL VELOCITE OIL NO. 10 # 600684-00			NONE	N	N	N	N	N
		NE	VOC	VOLATILE ORGANIC COMPOUNDS					
				NO SECTION 313 CHEMICALS					
R12404	MOBIL VELOCITE OIL NO. 6 ; 600668 - 00	100	MIXTURE	PET.HYDROCARBONS AND ADDITIVES	Y	Y	N	N	N
		5-15	64741-44-2	STRAIGHT RUN GAS OIL					
				NO SECTION 313 CHEMICALS					
R42671	MOBILGREASE XHP 222 # 530436 , 97E898 ; BASE OIL AND ADDITIV	100	MIXTURE	BASE OIL AND ADDITIVES	N	N	N	N	N
		<2.5	68649-42-3	PHOSPHORODITHOIC ACID, O,O-DI C1					
			122-39-4	DIPHENYLAMINE					
			7723-14-0	PHOSPHORUS					
			1330-20-7	XYLENES					
R14573	MOBILITH AW-2 # 643536 - 00 , 970629 ; BASE OIL AND ADDITIVE	100	MIXTURE	BASE OIL AND ADDITIVES	N	N	N	N	N
		1-5	68457-79-4	ZINC DIALKYL DITHIOPHOSPHATE					
			122-39-4	DIPHENYLAMINE					
R12413	MOBILMET S 122			THIS PRODUCT IS NOT FORMULATED T	N	N	N	N	N
		<100	N/A	BASE OILS, SEVERELY SOLVENT REFI					
		5-15	N/A	CARBOXYLIC ACID ANHYDRIDE					
				NO SECTION 313 CHEMICAL					
		NE	VOC	VOLATILE ORGANIC COMPOUND					
500251	MODERN SMOKELESS POWDERS - ST MARKS POWDERS - POWDER SPEED	0-40	55-63-0	NITROGLYCERIN	Y	N	N	N	Y
		0-10	84-74-2	DIBUTYL PHTHALATE					
		0-10	ROPRIETARY	POLYESTER ADIPATE					
		0-5	8050-09-7	ROSIN					
		0-1.5	141-78-6	ETHYL ACETATE					
		.3-1.5	122-39-4	DIPHENYLAMINE					
		0-1.5	86-30-6	N,NITROSO DIPHENYL AMINE					
		0-1.5	7757-79-1	POTASSIUM NITRATE					
		0-1.5	7778-80-5	POTASSIUM SULFATE					
		0-1.5	18282-10-5	TIN DIOXIDE					
		0-1.5	119-75-5	2-NITRO DIPHENYL AMINE					
		0.02-1	7782-42-5	GRAPHITE					
		0-1	1317-65-3	CALCIUM CARBONATE					

MSDS.ID	PRODUCT.....	WT %	CAS.....	INGREDIENT.....	AC	CHR	FI	RE	PR
		.5-100	9004-70-0	NITROCELLULOSE					
100112	MONOCAT SCREEN INK ; C91 SERIES	38.56	111-76-2	2-BUTOXYETHANOL	Y	Y	N	N	N
		0.85	50-00-0	FORMALDEHYDE					
		1-5	64-17-5	ETHYL ALCOHOL					
		1-5	67-63-0	ISOPROPYL ALCOHOL					
		1-5	12788-93-1	ACID BUTYL PHOSPHATE					
		2.50	71-36-3	N-BUTYL ALCOHOL					
		40	VOC	VOLATILES WGT					
100113	MONOCAT SCREEN INK ; C91 SERIES	38.56	111-76-2	2-BUTOXYETHANOL	Y	Y	N	N	N
		0.85	50-00-0	FORMALDEHYDE					
		1-5	64-17-5	ETHYL ALCOHOL					
		1-5	67-63-0	ISOPROPYL ALCOHOL					
		1-5	12788-93-1	ACID BUTYL PHOSPHATE					
		2.50	71-36-3	N-BUTYL ALCOHOL					
		40	VOC	VOLATILES WGT					
100114	MONOCAT SCREEN INK ; C91 SERIES	38.56	111-76-2	2-BUTOXYETHANOL	Y	Y	N	N	N
		0.85	50-00-0	FORMALDEHYDE					
		1-5	64-17-5	ETHYL ALCOHOL					
		1-5	67-63-0	ISOPROPYL ALCOHOL					
		1-5	12788-93-1	ACID BUTYL PHOSPHATE					
		2.50	71-36-3	N-BUTYL ALCOHOL					
		40	VOC	VOLATILES WGT					
100115	MONOCAT SCREEN INK ; C91 SERIES	38.56	111-76-2	2-BUTOXYETHANOL	Y	Y	N	N	N
		0.85	50-00-0	FORMALDEHYDE					
		1-5	64-17-5	ETHYL ALCOHOL					
		1-5	67-63-0	ISOPROPYL ALCOHOL					
		1-5	12788-93-1	ACID BUTYL PHOSPHATE					
		2.50	71-36-3	N-BUTYL ALCOHOL					
		40	VOC	VOLATILES WGT					
100120	MONOCAT SCREEN INK ; C91 SERIES	38.56	111-76-2	2-BUTOXYETHANOL	Y	Y	N	N	N
		0.85	50-00-0	FORMALDEHYDE					
		1-5	64-17-5	ETHYL ALCOHOL					
		1-5	67-63-0	ISOPROPYL ALCOHOL					
		1-5	12788-93-1	ACID BUTYL PHOSPHATE					
		2.50	71-36-3	N-BUTYL ALCOHOL					
		40	VOC	VOLATILES WGT					
500116	NITROCELLULOSE 6% # 9989 ; A919989	90	67-64-1	ACETONE	Y	Y	Y	N	N
		5	9004-70-0	CELLULOSE NITRATE					
		<5.0	67-63-0	ISOPROPANOL					
				NO SECTION 313 CHEMICALS					
500218	OLEORESIN CAPSICUM , W / S , DECOLORIZED , 2.0% MC 01 - 020	.8-2.2	ONE LISTED	CAPSAICINOIDS	Y	N	N	N	N
		NIL	VOC	% VOLATILE BY VOL.:					
970004	PARCO CLEANER 72 # 234311	30-60	7758-29-4	SODIUM TRIPOLYPHOSPHATE	Y	N	N	Y	N
		20-50	1310-73-2	SODIUM HYDROXIDE					
		ICABLE		PERCENT VOLATILE					

MSDS.ID	PRODUCT.....	WT %	CAS.....	INGREDIENT.....	AC	CHR	FI	RE	PR
970000	PLASTI-KOTE SUPER OR TARGET ENAMEL (T-1 GLOSS BLACK , 2 FLA	33-42	67-64-1	ACETONE	Y	Y	Y	N	Y
		0-5	64742-95-6	AROMATIC HYDROCARBON					
		0-5	141-78-6	ETHYL ACETATE					
		5-10	64-17-5	ETHYL ALCOHOL					
		5-10	763-69-9	ETHYL 3-ETHOXY PROPIONATE					
		0-5	78-93-3	METHYL ETHYL KETONE					
		5-10	1330-20-7	XYLENE					
		23	68476-86-8	PROPANE-ISOBUTANE MIXTURE					
		80-90		VOLATILES (BY VOL)					
500117	POTASSIUM CHLORATE	99.8	3811-04-9	POTASSIUM CHLORATE	Y	N	N	N	N
				NO SECTION 313 CHEMICALS					
500119	POTASSIUM NITRATE ; POTASH NITRATE , SALTPETER	100	7757-79-1	POTASSIUM NITRATE	Y	N	N	N	N
		N/A		% VOLATILE BY VOLUME					
500200	POTASSIUM PERCHLORATE	100	7778-74-7	POTASSIUM PERCHLORATE	Y	Y	N	N	N
		ILABLE	VOC	VOLATILITY					
500243	POTASSIUM PERCHLORATE	100	7778-74-7	POTASSIUM PERCHLORATE	Y	Y	N	N	N
		ILABLE	VOC	VOLATILITY					
500164	POWER PISTOL TM DOUBLE - BASE SMOKELESS POWDER	4-40	55-63-0	NITROGLYCERIN	Y	Y	Y	Y	Y
500213	PRISM 411 CLEAR TOUGHENED INSTANT ADHESIVE # 41104 (CYANOA	60-100	7085-85-0	ETHYL CYANOACRYLATE	Y	Y	Y	Y	N
		85.6	VOC	VOC CONTENT					
				NO SECTION 313 CHEMICALS					
R10008	PROPANE (ODORIZED)	85-100	74-98-6	PROPANE	Y	N	Y	N	Y
		0-15	115-07-1	PROPYLENE					
		0-2.5	106-97-8	BUTANE AND HEAVIER					
		0-5	74-84-0	ETHANE					
		<0.1	75-08-1	ETHYL MERCAPTAN (ODORANT)					
500221	PROPYLENE GLYCOL USP : DZ70531	99	57-55-6	PROPYLENE GLYCOL	Y	Y	N	N	N
500140	PVC CEMENT	35-50	109-99-9	TETRAHYDROFURAN	Y	N	Y	N	N
		35-50	78-93-3	METHYL ETHYL KETONE					
		5-15	108-94-1	CYCLOHEXANONE					
500189	PYRODEX , A PYROTECHNIC MIXTURE		ONE LISTED	CHARCOAL	Y	N	N	N	N
			ONE LISTED	SULFUR					
			ONE LISTED	POTASSIUM NITRATE					
			ONE LISTED	POTASSIUM PERCHLORATE					
			ONE LISTED	GRAPHITE					
R45368	QUINSYN PLUS # 144046			THIS PRODUCT IS NON-HAZARDOUS.	N	N	N	N	N
500247	RELODER R 15 DOUBLE - BASE SMOKELESS POWDER	4-40	55-63-0	NITROGLYCERIN	Y	Y	Y	Y	Y
500245	RELODER R 7 DOUBLE - BASE SMOKELESS POWDER	4-40	55-63-0	NITROGLYCERIN	Y	Y	Y	Y	Y
		.5-2	7757-79-1	POTASSIUM NITRATE					
720077A	SCOTCH - WELD STRUCTURAL PLASTIC ADHESIVE DP - 8005 , PART A	40-70	ADE SECRET	POLYESTER ADIPATE	Y	N	Y	N	N
		10-30	23674-50-8	AMINE BORANE COMPLEX					
		10-30	64265-57-2	POLYFUNCTIONAL AZIRIDINE					
		.5-1.5	67762-90-7	AMORPHOUS SILICA					
720077B	SCOTCH - WELD STRUCTURAL PLASTIC ADHESIVE DP - 8005 , PART B	40-60	2455-24-5	METHYACRYLATE	Y	N	Y	N	N
		10-30	9003-56-9	ACRYLONITRILE-BUTADIENE-STYRENE					

MSDS.ID	PRODUCT.....	WT %	CAS.....	INGREDIENT.....	AC	CHR	FI	RE	PR
		10-30	688-84-6	2-ETHYLHEXYL METHACRYLATE					
		1-10	68131-74-8	GLASS SPHERES (VANADIUM COMPOUND					
		1-3	20882-04-6	IMPACT MODIFIER					
		<0.5	14808-60-7	QUARTZ SILICA					
120074	SHOT SHELL PRIMERS ; 209 PRIMER , AA PRIMER	50-55	7439-89-6	IRON	Y	N	N	N	Y
		20-35	7440-50-8	COPPER					
		1-0.04	7439-92-1	LEAD					
		1-14	7440-66-6	ZINC					
		2-3	15245-44-0	LEAD STYPHNATE					
		2-3	T ASSIGNED	PAPER					
		1-3	7440-50-8	COPPER					
		.5-2.5	10022-31-8	BARIUM NITRATE					
		.8-1.1	1345-04-6	ANTIMONY SULFIDE					
		ICABLE	VOC	VOLATILES, PERCENT BY VOLUME					
201018	SHOT SHELL PRIMERS ; 209 PRIMER , AA PRIMER	50-55	7439-89-6	IRON	Y	N	N	N	Y
		20-35	7440-50-8	COPPER					
		1-0.04	7439-92-1	LEAD					
		1-14	7440-66-6	ZINC					
		2-3	15245-44-0	LEAD STYPHNATE					
		2-3	T ASSIGNED	PAPER					
		1-3	7440-50-8	COPPER					
		.5-2.5	10022-31-8	BARIUM NITRATE					
		.8-1.1	1345-04-6	ANTIMONY SULFIDE					
		ICABLE	VOC	VOLATILES, PERCENT BY VOLUME					
100161	SILICA GEL DESICCANT GRADE 42, 43, 44 : CAT# S160500, S160 1	.9	7646-79-9	COBALTOUS CHLORIDE	Y	Y	N	Y	N
		99	12926-00-8	SILICA, AMORPHOUS, PRECIPITATED					
500154	SILICON METAL POWDER , NON AMORPHOUS	>97	7440-21-3	SILICON (SI)	Y	Y	Y	Y	N
		<2	7439-89-6	IRON (FE)					
		<2	7429-90-5	ALUMINUM (AL)					
				MSDS SAYS NO SECTION 313 CHEMICA					
R42824	SIMPLE GREEN CLEANER / DEGREASER	<6	111-76-2	2-BUTOXYETHANOL (BUTYL CELLOSOIV					
R45492	SIMPLE GREEN LIME SCALE REMOVER : 50032 , 50128 : 3UP43 , 3U	LISTED	79-14-1	HYDROXYACETIC	Y	N	N	N	N
R25607	SODIUM CARBONATE (CARBONIC ACID , DISODIUM SALT ; SODIUM CA	99	497-19-8	SODIUM CARBONATE	Y	Y	N	N	N
R14570	SODIUM HYDROXIDE 50 % (RAYON & REGULAR GRADES) ; CAUSTIC S	50	1310-73-2	SODIUM HYDROXIDE	Y	Y	N	N	N
		ICABLE	VOC	VOLATILES BY WEIGHT (%)					
				NO 313 CHEMICALS					
501060	SODIUM NITRATE	98.0	7631-99-4	SODIUM NITRATE	Y	Y	Y	N	N
500194	SOLVENT BLUE 35 - MORPLAS BLUE B 200% POWDER	100	17354-14-2	SOLVENT BLUE35/9,10ANTHRACENEDIC	Y	N	N	N	N
500193	SOLVENT GREEN 3 - MORPLAS GREEN 3 POWDER	100	128-80-3	SOLVENT GREEN 3 9,10 ANTHRACENED	Y	N	N	N	N
500190	SOLVENT RED 111	100	82-83-2	ANTHRAQUINONE -SOLVENT RED 111	Y	N	N	N	N
				NONE AS PER 29CFR PART 1910.1200					
500195	SOLVENT VIOLET 14 - MORPLAS VIOLET 14 POWDER	100	8005-40-1	9,10ANTHRACENEDIONE,1,8BIS(METHY	Y	N	N	N	N
500192	SOLVENT YELLOW 167	100	13354-35-3	SOLVENT YELLOW 167	Y	N	N	N	N
				NONE AS PER 29CFR PART 1910.1200					
R56169	SPEEDY CLEANZ TM	74-76	8031-18-3	HYDROUS MAGNESIUM ALUMINUM SILI	Y	Y	N	N	N

MSDS.ID	PRODUCT.....	WT %	CAS.....	INGREDIENT.....	AC	CHR	FI	RE	PR
		7-24.8	ROPRIETARY	SUPERABSORBENT POLYMER					
		.2-.3	2893-78-9	SODIUM DICHLORO-S-TRIAZINETRIONE					
				NO SARA SECTION 313 CHEMICAL KNO					
R14661	SS 304 STAINLESS STEEL , 304L	19	7440-47-3	CHROMIUM	Y	Y	N	N	N
		9.25	7440-02-0	NICKEL					
			7440-44-0	CARBON (0.1)					
		2	7439-96-5	MANGANESE					
			7723-14-0	PHOSPHOROUS (.1MAX)					
			7704-34-9	SULPHUR (0.1)					
		1	7440-21-3	SILICON					
		66	7439-89-6	IRON					
R49369	STA - PLEX PREMIUM RED GREASE # SL3190 - SL3199	5-10	64742-52-5	PETROLEUM DISTILLATE	N	N	N	N	N
		10-20	64742-57-0	RESIDUAL OILS					
		30-50	64741-88-4	PARAFFINIC OIL					
				NO SECTION 313 CHEMICALS					
R54337	STABIL FUEL STABILIZER 1104 , ZAD1104	5	MIXTURE	ADDITIVE MIXTURE	Y	N	Y	N	N
		95	64742-53-6	PETROLEUM DISTILLATE					
				NO SECTION 313 CHEMICALS					
R13491	STEEL 4140 RYCHROME A193-B7 MIL-S-1222 (ALSO 4142) MPS 127	96	7439-89-6	IRON (FE)	Y	Y	N	N	N
		75-1.0	7439-96-5	MANGANESE					
			7440-44-0	CARBON (.43)					
		.8-1.1	7440-47-3	CHROMIUM					
			7439-98-7	MOLYBDENUM (.25)					
			7723-14-0	PHOSPHOROUS (.035)					
			7440-21-3	SILICON (.35)					
			7704-34-9	SULFUR (.04)					
500118	SUCROSE , 99 + % , A . C. S . REAGENT : 247618 : BEET SUGAR	99-100	57-50-1	SUCROSE	Y	N	N	N	N
500141	TITANIUM POWDER ; TI - 101 / 104 / 106 / 107 / 109	95	7440-32-6	TITANIUM	Y	N	N	N	N
				NO SECTION 313 CHEMICALS					
R11212	TOOL STEEL O-1 (KETOS)	1	7440-47-3	CHROMIUM	Y	Y	N	N	N
		.10	7440-02-0	NICKEL					
		95.7	7439-89-6	IRON					
			1309-37-1	IRON OXIDE					
		1	7440-21-3	SILICON					
		1.2	7439-96-5	MANGANESE					
		1	1333-86-4	CARBON					
R34437	U-LINE S - 313 FAST TACK ADHESIVE ; ULINE SPRAY ADHESIVE S -		67-64-1	ACETONE	Y	N	Y	N	N
			110-54-3	HEXANE					
			110-82-7	CYCLOHEXANE					
			68476-86-8	HYDROCARBON PROPELLANT					
R35106	UNI-PAINT MARKERS PX-21 FINE AND PX-20 MEDIUM MARKER : BLACK		1330-20-7	XYLENE	Y	N	Y	N	N
			13463-67-7	TITANIUM DIOXIDE					
			ONE LISTED	RESIN					
			ONE LISTED	DYES					
R56048	VALERIC ACID SLV1030	100	109-52-4	VALERIC ACID	Y	Y	Y	N	N

MSDS.ID	PRODUCT.....	WT %	CAS.....	INGREDIENT.....	AC	CHR	FI	RE	PR
R30168	VD THINNER	25	111-15-9	ETHYLENE GLYCOL MONOETHYL ETHE	Y	Y	Y	N	N
		50	64742-95-6	AROMATIC PETROLEUM DISTILLATES					
		25	123-86-4	N-BUTYL ACETATE					
		7	1330-20-7	XYLENE					
		3	98-82-8	CUMENE					
		40	25551-13-7	TRIMETHYLBENZENE					
		50	ONE LISTED	TRIMETHYLBENZENE MAY CONTAIN 1,					
		50	95-63-6	OR 1,2,4-TRIMETHYLBENZENE					
		22.5	108-67-8	AND MESITYLENE,1,3,5-TRIMETHYLBE					
R10225	WD-40 AEROSOL : CLEANER , LUBRICANT , PENETRANT	45-50	64742-47-8	ALIPHATIC HYDROCARBON	Y	N	N	N	Y
			64742-48-9	ALIPHATIC HYDROCARBON					
			64742-88-7	ALIPHATIC HYDROCARBON					
		15-25	64742-65-0	PETROLEUM BASE OIL					
		12-18	64742-47-8	LVP ALIPHATIC HYDROCARBON					
		2-3	124-38-9	CARBON DIOXIDE					
		<10	MIXTURE	NON-HAZARDOUS INGREDIENTS					
				NO SECTION 313 CHEMICALS					
R35494	WHITE MINERAL OIL # 6316 - SONTEX , DRAKEOIL , PAROL , PENE	>99	8042-47-5	MINERAL OIL	N	N	N	N	N
		0		% VOLATILE BY VOLUME:					
500166	ZINC POWDER # 1206 , 1212 , 1221 , 1222 , 1223 , 1225 , # 2	>98.0	7440-66-6	ZINC	Y	Y	N	Y	N
		<.50	7439-92-1	LEAD					
		N/A	VOC	PERCENT VOLATILE BY VOLUME					
772286	ZIRCONIUM NICKEL DELAY			ZIRCONIUM	Y	N	N	N	N
				POTASSIUM PERCHLORATE					
				BARIUM CHROMATE					
772300	ZIRCONIUM NICKEL DELAY			ZIRCONIUM	Y	N	N	N	N
				POTASSIUM PERCHLORATE					
				BARIUM CHROMATE					
772304	ZIRCONIUM NICKEL DELAY			ZIRCONIUM	Y	N	N	N	N
				POTASSIUM PERCHLORATE					
				BARIUM CHROMATE					
772338	ZIRCONIUM NICKEL DELAY			ZIRCONIUM	Y	N	N	N	N
				POTASSIUM PERCHLORATE					
				BARIUM CHROMATE					

08

5 Chems
1 EHS
1 Plan
1716

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Pennsylvania Tier II Emergency and Hazardous Chemical Inventory

Reporting Period From January 1, 2008 to December 31, 2008

☐ Initial 5 Day Report ☑ Annual ☐ Revision

Facility Identification

ID	:	21112			
Name	:	COMBINED SYSTEMS, INC.			
Corporate Name	:	COMBINED SYSTEMS, INC.			
Street	:	388 KINSMAN ROAD	City	:	JAMESTOWN
Municipality	:	Greene Township	County	:	MERCER
State	:	PA	Zip	:	16134
Phone		724-932-2177	Lat/Long	:	41.4775/80.48194
Fax	:	724-932-3617	Email	:	edzarger@aegis-usa.com

Owner/Operator Details

Name	:	COMBINED SYSTEMS, INC.
Phone	:	724-932-2177
Mail Address	:	388 KINSMAN ROAD
City	:	JAMESTOWN
State	:	PA
Zip	:	16134
Country	:	US

Mailing Address if different from Facility ID Address

Name	:				
Street	:				
City	:		State	:	
Zip	:		Phone	:	
Attn	:				

NAICS	:	332995	Dun & Brad No	:	945646123
SIC Code	:	3483	Mail ID	:	

Emergency Contacts

Name	:	DANIEL LASHINSKY			
Title	:	DIRECTOR OF SAFETY			
Phone	:	724-932-2177	24 Hr.Phone	:	724-589-0390
Name	:	RENO McELROY			
Title	:	QUALITY & SAFETY MANAGER			
Phone	:	724-932-2177	24 Hr.Phone	:	724-986-3897

Mixture Components are listed in the Appendix.

Certification: I certify under penalty of law that I have personally examined and am familiar with the information submitted, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Daniel Lashinsky — 2/28/2009 4:39:17 PM

Name and official title of owner/operator or authorized representative: — Date — Signature

Optional Attachments

- ☑ Site Plan
- ☐ Site Coordinate Abbreviations
- ☐ Other Safeguard measures

Chemical Description	Physical & Health Hazards	Inventory	Storage Codes & Location
Chemical ID : 489333 Check if Chemical Information has changed from the last submission : ☑ CAS : 89985 Trade Secret : ☐ Chemical Name : 2-CHLOROBENZALDEHYDE (OCBA) EHS : ☐ EHS Name : ☑ Pure ☑ Mix ☐ Solid ☑ Liquid ☐ Gas	☑ Fire ☐ Pressure ☐ Reactivity ☑ Immediate ☐ Delayed (Chronic)	32000 Max Daily Amt(lbs) 04 Max Daily Amount Code 16000 Ave. Daily Amount (lbs.) 04 Ave. Daily Amount Code 366 No of days in site	Container Type / Pressure / Temperature / Storage Location E / 1 / 4 / BLDG CONEX A1 GRID B-2 E / 1 / 4 / BLDG E GRID B-4
Chemical ID : 489332 Check if Chemical Information has changed from the last submission : ☑ CAS : 67641 Trade Secret : ☐ Chemical Name : ACETONE EHS : ☐ EHS Name : ☑ Pure ☑ Mix ☐ Solid ☑ Liquid ☐ Gas	☑ Fire ☑ Pressure ☐ Reactivity ☑ Immediate ☑ Delayed (Chronic)	12000 Max Daily Amt(lbs) 04 Max Daily Amount Code 12000 Ave. Daily Amount (lbs.) 04 Ave. Daily Amount Code 366 No of days in site	Container Type / Pressure / Temperature / Storage Location D / 1 / 4 / BLDG B & BLDG MS AEROSOL C-2 D / 1 / 4 / BUILDING C,H,I C-3 D / 1 / 4 / BUILDING G,O B-4 D / 1 / 4 / BUILDING L & BLDG M C-4 D / 1 / 4 / BUILDING N D-3,4 D / 1 / 4 / CONEX B1 B-2
Chemical ID : 483377 Check if Chemical Information has changed from the last submission : ☑ CAS : 2698411 Trade Secret : ☐ Chemical Name : CS (O-CHLOROBENZALMALONONITRILE) EHS : ☐ EHS Name : ☑ Pure ☑ Mix ☐ Solid ☑ Liquid ☐ Gas	☑ Fire ☑ Pressure ☐ Reactivity ☑ Immediate ☑ Delayed (Chronic)	20000 Max Daily Amt(lbs) 04 Max Daily Amount Code 12000 Ave. Daily Amount (lbs.) 04 Ave. Daily Amount Code 366 No of days in site	Container Type / Pressure / Temperature / Storage Location E / 1 / 4 / BLDG E GRID B-4 R / 1 / 4 / BLDG C,D,H,I GRID C-3 R / 2 / 4 / BLDG C,D GRID C-3
Chemical ID : 475120 Check if Chemical Information has changed from the last submission : ☑ CAS : 109773 Trade Secret : ☐ Chemical Name : MALONONITRILE EHS : ☑ EHS Name : MALONONITRILE ☑ Pure ☐ Mix ☑ Solid ☐ Liquid ☐ Gas	☐ Fire ☐ Pressure ☐ Reactivity ☑ Immediate ☐ Delayed (Chronic)	7000 Max Daily Amt(lbs) 03 Max Daily Amount Code 3000 Ave. Daily Amount (lbs.) 03 Ave. Daily Amount Code 366 No of days in site	Container Type / Pressure / Temperature / Storage Location D / 1 / 4 / BUILDING E B-4 D / 1 / 4 / CONEX A1 B-2 D / 1 / 4 / BUILDING C C-3

Chemical Description		Physical & Health Hazards	Inventory		Storage Codes & Location			
Chemical ID	: 489334	☐ Fire	22000	Max Daily Amt(lbs)	Container Type	Pressure	Temperature	Storage Location
Check if Chemical Information has changed from the last submission	: ☑	☐ Pressure	04	Max Daily Amount Code	D	1	4	BUILDING CONEX B GRID B-2
CAS	: 12001262	☐ Reactivity	22000	Ave. Daily Amount (lbs.)				
Trade Secret	: ☐	☑ Immediate	04	Ave. Daily Amount Code				
Chemical Name	: MICA	☑ Delayed (Chronic)	366	No of days in site				
EHS	: ☐							
EHS Name	:							
☐ Pure ☑ Mix ☑ Solid ☐ Liquid ☐ Gas								

CHEMICALS:	LOCATION	
(3) ACETONE	BLDG B, MS	C-2
	BLDG C,H,I	C-3
	BLDG G,O	B-4
	BLDG L,M	C-4
	BLDG N	D-3,4
	CONEX B1	B-2
(4) OCBA	CONEX A1	B-2
	BLDG E	B-4
(5) MICA	CONEX B	B-2

CHEMICALS:	EHS	LOCATION	
(1)CS (CHLOROBENZAL-MALONONITRILE)		BLDG E	B-4
		BLDG C,H,I	C-3
		BLDG D	C-3
(2) MALONONITRILE	X	BLDG E	B-4
		BLDG C-A1	B-2
		BLDG C	C-3

1

2

3

4

BUILDINGS

A - ADMINISTRATION & ASSEMBLY
B - BEAN BAG & FLASH-BANG ASSEMBLY
C - WAREHOUSE, SHIPPING, LEAN-TO
D - AEROSOL PRODUCTION & R&D
E - CS PROCESSING & STORAGE
F - POWER & COMPRESSOR
G - 40mm ASSEMBLY FACILITY
H - CRIMPING & LOADING
I - PELLET PRESS & SLURRY
J - PYROTECHNIC MIXING
K - WAREHOUSE & WIRE PRODUCTION
L - STING-BALL OPERATIONS
M - M201A1 FUZE ASSEMBLY
N - M213 FUZE LINE
O - WASTE CONTAINMENT BUILDING

MS-1 - MACHINE SHOP
MS-2 - MACHINE SHOP
MT - MAINTENANCE SHED
SS - STORAGE SHED
CONEX A1 - CORROSIVE POISONS
CONEX A2 - NON-REG MACHINERY
CONEX A3 - FLAMMABLE MATERIALS
CONEX A4 - POISONS
CONEX B1 - FLAMMABLE LIQUIDS
CONEX B2 - COMPATIBLE MISC.
CONEX B3 - FLAMMABLE SOLIDS
CONEX B4 - POISONS
CONEX B5 - NON-REG MATERIALS
CONEX B6 - OXIDIZERS
CONEX C1 - CONTRACTUAL STORAGE
CONEX C2 - CONTRACTUAL STORAGE

WSS - WASTE STORAGE SHED
MG-1 - BLACK POWDER STORAGE MAGAZINE
MG-2 - SMOKELESS STORAGE MAGAZINE
MG-3 - FUZE & PROPELLANT STORAGE MAGAZINE
MG-4 - PROCESS STORAGE MAGAZINE

FACID: 21112
LAT: 41° 28' 39"
LONG: 80° 28' 55"

A | B | C | D

COMBINED SYSTEMS, INC.
388 KINSMAN ROAD
JAMESTOWN, PA. 16134

SARA TITLE III - SECTION 302(c) NOTIFICATION

The following extremely hazardous substance is present at this facility:

Malononitrile (109-77-3)

The amount is in excess of the threshold planning quantity for that substance, therefore, this facility is subject to the SARA Title III Section 302 (c) emergency planning notification requirement.

Facility Name:	Combined Systems, Inc.
Street Address:	388 Kinsman Road
City/State/Zip	Jamestown, PA 16134
County:	Mercer

In accordance with Section 303(d), the following facility representative will participate in the emergency planning process as the facility emergency coordinator.

Emergency Coordinator:	Daniel Lashinsky
Title:	Director of Safety
Telephone:	724-932-2177

Signed by: _____

Printed Name: Daniel Lashinsky

Title: Director of Safety

Date: 03/02/2009

COMBINED TACTICAL SYSTEMS 2008 FACID: 21112

ID #	PRODUCT.....	Wt %	CAS.....	INGREDIENT.....	ACU	CHR	FIRE	REACT	PRESS
R14801	12L14 STEEL (LEDLOY A , LEDLOY 300)	98.26	7439-89-6	IRON	Y	Y	N	N	N
		5-1.15	7439-96-5	MANGANESE					
			7440-44-0	CARBON (.15)					
			7723-14-0	PHOSPHOROUS (.09)					
			7704-34-9	SULFUR (.35)					
		15-.35	7439-92-1	LEAD(.15-.35)					
500158	15168 RHODAMINE B	100	81-88-9	BASIC VIOLET 10	Y	N	N	N	N
500133	2 - CHLOROACETOPHENONE ; CHEMICAL MACE , ALPHA - CHLOROACETC	100	532-27-4	2-CHLOROACETOPHENONE	Y	N	N	N	N
500114	2-CHLOROBENZALDEHYDE	100	89-98-5	2-CHLOROBENZALDEHYDE	Y	N	Y	N	N
500137	242 THREADLOCKER # 24231 ; ANAEROBIC SEALANT	60-100	25852-47-5	POLYGLYCOL DIMETHACRYLATE	Y	Y	N	N	N
		10-30	9004-96-0	POLYGLYCOL OLEATE					
		1-5	81-07-2	SACCHARIN					
		1-5	12945-52-5	SILICA, AMORPHOUS, FUMED, CRYSTA					
		1-5	80-15-9	CUMENE HYDROPEROXIDE					
		1-5	57-55-6	PROPYLENE GLYCOL					
			150-76-5	4-METHOXYPHENOL					
R54589	3 - IN - ONE WHITE LITHIUM GREASE AEROSOL : CLEANER , LUBRIC	25-35	64742-47-8	PETROLEUM SOLVENT	Y	N	Y	N	Y
		15-25	MIXTURE	LITHIUM GREASE					
		<1-5	1314-13-2	ZINC OXIDE					
		40-50	68476-86-8	HYDROCARBON PROPELLANT					
520002	3M HI - STRENGTH 90 SPRAY ADHESIVE (AEROSOL) # 16 - 4935 -	35-45	115-10-6	DIMETHYL ETHER	Y	Y	Y	N	Y
		25-35	79-20-9	METHYL ACETATE					
		10-20	ADE SECRET	NONVOLATILE COMPONENTS - N.J. TR					
		7-13	110-82-7	CYCLOHEXANE					
		1-5	109-66-0	PENTANE					
		1-5	75-37-6	1,1-DIFLUOROETHANE					
		<0.4	67-56-1	METHYL ALCOHOL					
500138	414 SUPER BONDER PLASTIC & VINYL INSTANT ADHESIVE # 41450	60-100	7085-85-0	ETHYL CYANOACRYLATE	Y	Y	Y	Y	N
		20 G/L	VOC	VOC CONTENT: G/L (CALIFORNIA SCA					
				NO SECTION 313 CHEMICALS					
500149	426 PRISM (R) BLACK MAX (R) GEL INSTANT ADHESIVE : 17529 : C	60-100	7085-85-0	ETHYL CYANOACRYLATE	Y	Y	Y	Y	N
		1-5	1333-86-4	CARBON BLACK					
				NO SECTION 313 CHEMICALS					
500184	495 SUPER BONDER INSTANT ADHESIVE # 49550 : CYANOACRYLATE	60-100	7085-85-0	ETHYL CYANOACRYLATE	Y	Y	Y	Y	N
		94	VOC	VOC CONTENT					
				NO SECTION 313 CHEMICALS					
R45353	A - 9 ALUMINUM CUTTING FLUID	>70	64742-58-1	MINERAL OIL	Y	N	N	N	N
		<25	ADE SECRET	BLAND ADDITIVE					
		<16	ADE SECRET	BLAND ADDITIVE					
		<1	ONE LISTED	PERFUME					
		TRACE	ONE LISTED	GREEN DYE, PHARMACY GRADE					
				NO SECTION 313 CHEMICALS					
100137	A - A - 208 BLACK 37038 TYPE 1 INK , 208 - 1 - 37038	22	14807-96-6	TALC	Y	N	Y	N	N
		21	8052-41-3	ALIPHATIC HYDROCARBONS (STODDARD					
		13	108-88-3	TOLUENE					
		10	1330-20-7	XYLENE					
		5	71-36-3	N-BUTANOL					
		2	1333-86-4	CARBON BLACK, AMORPHOUS					

ID #	PRODUCT.....	Wt %	CAS.....	INGREDIENT.....	ACU	CHR	FIRE	REACT	PRESS
				NO SECTION 313 CHEMICALS					
100136	A - A - 208 WHITE 37778 TYPE 1 INK , 208 - 1 - 37778	27	8052-41-3	ALIPHATIC HYDROCARBONS (STODDAF	Y	Y	Y	N	N
		25	13463-67-7	TITANIUM DIOXIDE					
		18	14807-96-6	TALC					
		8	108-88-3	TOLUENE					
		4	71-36-3	N-BUTANOL					
		1	1330-20-7	XYLENE					
		.1	14808-60-7	MICROCRYSTALLINE SILICA (QUARTZ)					
				NO SECTION 313 CHEMICALS					
R14762	A 36 STEEL - A36	98.4	7439-89-6	IRON (FE)	Y	Y	N	N	N
		85-1.2	7439-96-5	MANGANESE					
			7440-44-0	CARBON (.29)					
			7723-14-0	PHOSPHOROUS (.04MAX)					
			7704-34-9	SULFUR (.05)					
			7440-50-8	COPPER (.2 MIN)					
			7440-21-3	SILICON (.3MAX)					
R11636	ABC DRY CHEMICAL FIRE EXTINGUISHANT ; MULTI-PURPOSE DRY CHEM	>94	7722-76-1	MONO-AMMONIUM PHOSPHATE	Y	Y	N	N	N
			7783-20-2	AMMONIUM SULPHATE					
		<3	12174-11-7	ATTAPULGITE CLAY/MAGNESIUM ALUMI					
		1-2	12001-26-2	MICA/POTASSIUM ALUMINUM SILICATE					
		<1	63148-57-2	SILICONE OIL/METHYL HYDROGEN POL					
		<1	1317-65-3	CALCIUM CARBONATE					
		<1	12926-00-8	AMORPHOUS SILICA/PRECIPITATED SY					
		<1	5468-75-7	YELLOW 14 PIGMENT - DI-AZO DYE					
				NO SECTION 313 CHEMICAL					
970003	AC LACQUER THINNER 1 GL # GA12784	15-20	67-56-1	METHANOL	Y	Y	Y	N	N
		30-35	108-88-3	TOLUENE					
		1-5	1330-20-7	XYLENE					
		1	100-41-4	ETHYL BENZENE					
		1-5	67-64-1	ACETONE					
		1-5	ONE LISTED	ETHYL ACETATE					
		1-5	64742-89-8	LACOLENE					
		10-15	78-93-3	METHYL ETHYL KETONE BLEND					
		1-5	111-76-2	ETHYLENE GLYCOL MONOBUTYL ETHER					
		25-30	ONE LISTED	TOLUENE/MEK BLEND					
		100	VOC	VOLATILE % (BY WEIGHT)					
R30967	ACCULUBE GEL PASTE : METAL WORKING LUBRICANT (HAND HELD PAST	LISTED	ONE LISTED	THIS PRODUCT CONTAINS NO CHEMICA	Y	N	N	N	N
500122	ACETONE ; 2 - PROPANONE , DIMETHYL KETONE , KETONE PROPANE ,	99.9	67-64-1	ACETONE	Y	Y	Y	N	N
500165	AEROSIL , HYDROPHOBIC AMORPHOUS FUMED SILICA , AEROSIL R972	99.8	68611-44-9	SILANE, DIMETHYLDICHLORO-, REACT	Y	N	N	N	N
R54037	AIR - FLO AIR TOOL OIL	>99.0	64742-54-7	MINERAL OIL	Y	N	N	N	N
		<1.0	ONE LISTED	INHIBITOR AND ANTI-WEAR ADDITIVE					
				NO SECTION 313 CHEMICALS					
500208	ALPHASOLV LIMONENE LITE ; LOW ODOR NATURAL D-LIMONENE SOLVEN	95-100	5989-27-5	D-LIMONENE	Y	N	N	N	N
			VOC	VOC CONTENT: 839 G/L					
R13319	ALUMINUM 5052 H32		7440-50-8	COPPER (.1)	Y	Y	N	N	N
		95.8	7429-90-5	ALUMINUM					
			7440-21-3	SILICON (.3)					
		2.8	7439-95-4	MAGNESIUM					
			7440-66-6	ZINC (.1)					

ID #	PRODUCT.....	Wt %	CAS.....	INGREDIENT.....	ACU	CHR	FIRE	REACT	PRESS
			7439-89-6	IRON(0.4)					
			7439-96-5	MANGANESE (.1)					
			7440-47-3	CHROMIUM(0.4)					
R14621	ALUMINUM 6063 6101	98.1	7429-90-5	ALUMINUM	Y	Y	N	N	N
			7440-21-3	SILICON (.6)					
			7440-50-8	COPPER (.1)					
			7439-96-5	MANGANESE (.1)					
			7439-95-4	MAGNESIUM (.9)					
			7440-47-3	CHROMIUM(.1)					
			7440-66-6	ZINC (.1)					
			7440-32-6	TITANIUM (.1)					
R15060	ALUMINUM ALLOYS 6061	95.3	7429-90-5	ALUMINUM	Y	Y	N	N	N
			7440-21-3	SILICON (.8)					
			7439-89-6	IRON (.7)					
			7440-50-8	COPPER (.4)					
			7439-96-5	MANGANESE (.2)					
		1.2	7439-95-4	MAGNESIUM					
			7440-47-3	CHROMIUM (.4)					
			7440-66-6	ZINC (.3)					
			7440-32-6	TITANIUM (.2)					
500201	ALUMINUM POWDER , CI PIGMENT METAL , NO. 77000 , (SF-51 , S	98	7429-90-5	ALUMINUM	Y	N	N	N	N
		2	57-11-4	STEARIC ACID					
		N/A		VOLATILE BY VOLUME					
				CONTAINS SECTION 313 CHEMICAL					
500242	ALUMINUM POWDER , CI PIGMENT METAL , NO. 77000 , (SF-51 , S	98	7429-90-5	ALUMINUM	Y	N	N	N	N
		2	57-11-4	STEARIC ACID					
		N/A		VOLATILE BY VOLUME					
				CONTAINS SECTION 313 CHEMICAL					
500263	ALUMINUM POWDER , CI PIGMENT METAL , NO. 77000 , (SF-51 , S	98	7429-90-5	ALUMINUM	Y	N	N	N	N
		2	57-11-4	STEARIC ACID					
		N/A		VOLATILE BY VOLUME					
				CONTAINS SECTION 313 CHEMICAL					
R13241	AMOCO HYDRAULIC OIL ALL WEATHER		N/A	NO HAZARDOUS INGREDIENTS	N	N	N	N	N
500123	ANTHRAQUINONE	100	84-65-1	ANTHRAQUINONE	Y	N	N	N	N
				NONE AS PER 29CFR PART 1910.1200					
120013	ANTIMONIAL LEAD # 41 - 80 - 503 , 505 , 550 , 750	8.5-97	7439-92-1	LEAD	Y	Y	N	N	N
		3-11.5	7440-36-0	ANTIMONY					
990053	BARIUM CHROMATE	99.6	10294-40-3	BARIUM CHROMATE	Y	Y	N	N	N
500106	BARIUM NITRATE (BARIUM DINITRATE ; NITRIC ACID , BARIUM SA	100	10022-31-8	BARIUM NITRATE	Y	Y	N	N	N
500268	BARIUM NITRATE (BARIUM DINITRATE ; NITRIC ACID , BARIUM SA	100	10022-31-8	BARIUM NITRATE	Y	Y	N	N	N
500256	BISMUTH PURIFIED ; C1309	100	7440-69-9	BISMUTH	Y	N	N	N	N
500264	BISMUTH PURIFIED ; C1309	100	7440-69-9	BISMUTH	Y	N	N	N	N
500125	BLACK POWDER	70-76	7757-79-1	POTASSIUM NITRATE	Y	N	Y	Y	Y
		70-74	7631-99-4	SODIUM NITRATE					
		8-18	N/A	CHARCOAL					
		9-20	7704-34-9	SULFUR					
		TRACE	7782-42-5	GRAPHITE					
500126	BLACK POWDER	70-76	7757-79-1	POTASSIUM NITRATE	Y	N	Y	Y	Y
		70-74	7631-99-4	SODIUM NITRATE					

ID #	PRODUCT.....	Wt %	CAS.....	INGREDIENT.....	ACU	CHR	FIRE	REACT	PRESS
		8-18	N/A	CHARCOAL					
		9-20	7704-34-9	SULFUR					
		TRACE	7782-42-5	GRAPHITE					
500127	BLACK POWDER	70-76	7757-79-1	POTASSIUM NITRATE	Y	N	Y	Y	Y
		70-74	7631-99-4	SODIUM NITRATE					
		8-18	N/A	CHARCOAL					
		9-20	7704-34-9	SULFUR					
		TRACE	7782-42-5	GRAPHITE					
100116	BLENDING BLACK MONOCAT C91 - S170 # 752656	39.62	111-76-2	2-BUTOXYETHANOL	Y	Y	Y	N	N
		4.32	71-36-3	N-BUTANOL					
		3.85	78-83-1	ISOBUTYL ALCOHOL					
		3.46	64-17-5	ETHANOL					
		1.44	8017-16-1	POLYPHOSPHORIC ACID					
		1.36	9004-70-0	NITROCELLULOSE RESIN					
		0.27	50-00-0	FORMALDEHYDE					
		52.24	VOC	VOLATILE ORGANIC COMPOUNDS					
500008	BORIC ACID , POWDER 99 + % ; ACC 95421 ; BOROFAX	99+	10043-35-3	BORIC ACID, POWDER 99+%	Y	Y	N	N	N
				NO SECTION 313 CHEMICALS					
R56170	BRITE - MARK SILVER : 40016 , 41016 , 84050 , 91016 , 33 , 9	50-60	1330-20-7	XYLENE	Y	Y	Y	N	N
		10-20	8052-41-3	STODDARD SOLVENT					
		10-20	7429-90-5	ALUMINUM FLAKE					
		1-10	100-41-4	ETHYL BENZENE					
		TRACE	108-88-3	TOLUENE					
		TRACE	NONELISTED	BENZENE					
R56047	BUTYRIC ACID : SLB4627	100	107-92-6	BUTYRIC ACID	Y	N	Y	N	N
500153	CALCIUM CARBONATE - PRECIPITATED CHALK , ARAGONITE , ARGRICU	97-100	471-34-1	CALCIUM CARBONATE	Y	N	N	N	N
500222	CALCIUM STEARATE ; TYPE 24 - 46	100	1592-23-0	CALCIUM STEARATE	N	N	N	N	N
		2.5	VOC	PERCENT VOLATILE BY VOLUME					
500100	CALSOFT AOS - 40	36-42	68439-57-6	SULFONIC ACIDS, C14-16-ALKANE HY	Y	N	N	N	N
		0-1	7647-14-5	SODIUM CHLORIDE					
		0-1	7757-82-6	SODIUM SULFATE					
		56-64	7732-18-5	WATER					
				NO SECTION 313 CHEMICALS					
R41958	CAMIE 363 HI STR FAST TRACK ADH : FCA363	<35.0	110-54-3	HEXANE	Y	Y	Y	N	Y
		<20.0	74-98-6	PROPANE					
		<20.0	67-64-1	ACETONE					
		<15.0	115-10-6	DIMETHYL ETHER					
		82.3	VOC	VOLATILE BY WEIGHT					
		87.7		VOLATILE BY VOLUME					
624000	CARBON DIOXIDE , MEDIPURE CARBON DIOXIDE (MSDS NO. P-4574-J	>99	124-38-9	CARBON DIOXIDE	Y	N	N	N	Y
				NO SECTION 313 CHEMICALS					
R13313	CARBON STEEL 1011 1016 1018 1021 1026 1029 1030 1035 1038 10	98.8	7439-89-6	IRON (FE)	Y	N	N	N	N
			7439-96-5	MANGANESE (.6-.9)					
			7440-44-0	CARBON (0.98)					
			7723-14-0	PHOSPHORUS (.04 MAX)					
			7704-34-9	SULFUR (0.05)					
R15321	CARTRIDGE BRASS 70% CDA 260	70	7440-50-8	COPPER	Y	Y	N	N	N
			1314-13-2	ZINC OXIDE					
		30	7440-66-6	ZINC					

ID #	PRODUCT.....	Wt %	CAS.....	INGREDIENT.....	ACU	CHR	FIRE	REACT	PRESS
R13317	CDA ALLOY 360 FREE CUTTING BRASS	61.5	7440-50-8	COPPER	Y	Y	N	N	N
		3.1	7439-92-1	LEAD					
			7439-89-6	IRON(0.35)					
		35.23	7440-66-6	ZINC					
500120	CHARCOAL	N/A	7440-44-0	CARBON	N	N	N	N	N
		N/A	N/A	ASH					
8799925	CHLORATE BASE PRIMERS : M42C2 PRIMER , M39AIC PRIMER	55-65	7440-50-8	COPPER	N	N	N	N	Y
		25-35	7440-66-6	ZINC					
		.5-4.5	3811-04-9	POTASSIUM CHLORATE					
		.5-4.5	592-87-0	LEAD THIOCYANATE					
		1.5-2	MIXTURE	PAPER					
		.1-2	12013-55-7	CALCIUM SILICIDE					
		.1-1.5	10022-31-8	BARIUM NITRATE					
		.1-2	65997-17-3	GLASS POWDER					
R54991	CIMSTAR 3800B ; METALWORKING FLUID CONCENTRATE	3-7	141-43-5	MONOETHANOLAMINE	Y	N	N	N	N
		1-5	64742-52-5	SEVERELY-HYDROTREATED NAPHTHENIC					
		1-5	102-71-6	TRIETHANOLAMINE					
		1-5	78330-12-8	SODIUM ALKYLBENZENE SULFONATE					
		1-5	78-96-6	MONOISOPROPANOLAMINE					
				NO SECTION 313 CHEMICALS					
R21162A	CLASS I COATED ABRASIVE PRODUCT - SILICON CARBIDE (DRI-LUBE	60	409-21-2	SILICON CARBIDE	Y	N	N	N	N
		30	ONE LISTED	BACKING (CLOTH, PAPER)					
		10	ONE LISTED	BINDER SYSTEM (MIXTURE)					
		N/A	N/A	VOLATILE BY VOLUME					
500234	COLOR GUARD (TM) TOUGH RUBBER COATING - RED, YELLOW, BLUE 81	45-50	71-55-6	1,1,1-TRICHLOROETHANE*	Y	Y	N	N	N
		20-25	NONE	THERMOPLASTIC RUBBER					
		10-15	NONE	PETROLEUM SPIRITS**					
		5-10	75-09-2	METHYLENE CHLORIDE***					
		5-10	NONE	MODIFIED NATURAL RESINS					
		3-5	108-88-3	TOLUENE****					
		1-3	7631-86-9	SILICON DIOXIDE*****					
		1-3	NONE	CALCIUM CARBONATE					
		1	NONE	MINERAL SPIRITS					
500156	COPPER POWDER - CLEVITE R-60 AND R-64 POWDERS	99.25	7440-50-8	COPPER	Y	N	N	N	N
R43681	CRC POWER LUBE MULTI - PURPOSE LUBRICANT - BULK # 05007 , 05	65-75	64742-47-8	PETROLEUM DISTILLATE	Y	N	N	N	N
		24-30	MIXTURE	INHIBITED PARAFFINIC OIL					
				NO SECTION 313 CHEMICALS					
772262	CS	100	2698-41-1	O-CHLOROBENZALMALONONITRILE	Y	Y	N	N	N
500215	CYCLOHEXANONE ; 5881 , 9209 , 9210 , G032 , 4872 , 4876 ; PI	99-100	108-94-1	CYCLOHEXANONE	Y	Y	Y	N	N
				NO SECTION 313 CHEMICALS					
500163	DAP 100% SILICONE RUBBER SEALANT CLEAR , 684 # 03301079	.0-5.0	17689-77-9	ETHYLTRIACETOXYSILANE	Y	N	N	N	N
		.0-5.0	4253-34-3	METHYLTRIACETOXYSILANE					
		7-13	7631-86-9	SILICA, AMORPHOUS					
		>60	70131-67-8	DIMETHYL SILOXANE, HYDROXY-TERMI					
				NO SECTION 313 CHEMICALS					
500207	DOUBLE BASE SMOKELESS POWDER	0-40	55-63-0	NITROGLYCERIN	Y	N	N	N	N
		0-10	84-74-2	DIBUTYLPHTALATE					
		0-10	85-98-3	ETHYL CENTRALITE (DIETHYLDIPENYL					
		0-1.5	7759-79-1	POTASSIUM NITRATE					

ID #	PRODUCT.....	Wt %	CAS.....	INGREDIENT.....	ACU	CHR	FIRE	REACT	PRESS
		0-1.5	122-39-4	DIPHENYLAMINE					
		0-1.5	86-30-6	N,NITROSO DIPHENYLAMINE					
		0.02-1	7782-42-5	GRAPHITE					
		<2	VOC	VOLATILES, PERCENT BY VOLUME					
500212	DOW CORNING 832 MULTI - SURFACE ADHESIVE SEALANT , GREY # 02	0-70.0	ADE SECRET	POLYSILOXANE	Y	N	N	N	N
		.0-7.0	1185-55-3	METHYLTRIMETHOXYSILANE					
		0-10.0	68083-19-2	CALCIUM CARBONATE TREATED WITH S					
		.0-5.0	70131-67-8	DIMETHYL SILOXANE, HYDROXY-TERMI					
		<=0.1	14808-60-7	QUARTZ					
		RMINED		VOLATILE CONTENT					
				NO SECTION 313 CHEMICALS					
500198	DRY GROUND MICA ; MICA POWDER (MUSCOVITE)	CA 99	12001-26-2	MICA POWDER	N	Y	N	N	N
		N/A	1318-94-1	MUSCOVITE					
		<1	ONE LISTED	QUARTZ					
			7439-92-1	LEAD (.002%)					
		N/A	7440-36-0	ANTIMONY					
			7440-38-2	ARSENIC (.0001%)					
		N/A	7440-43-9	CADMIUM					
			7782-49-2	SELENIUM(.0002%)					
			7440-39-3	BARIUM(.001%)					
			7439-97-6	MERCURY(.0001%)					
500253	DUCO CEMENT (6244)	>60	67-64-1	ACETONE	Y	Y	Y	N	N
		5-10	123-86-4	BUTYL ACETATE					
		5-10	67-63-0	ISOPROPYL ALCOHOL					
		10-30	9004-70-0	CELLULOSE NITRATE					
		1-5	76-22-2	CAMPHOR					
R42149	DUST - OFF DUSTER ; DYMEL 152A , DPS , DPSCN , DPSX , DPSR ,	100	75-37-6	1,1-DIFLUOROETHANE	Y	N	Y	N	Y
500174	EASISOLVE 120 ; SOLVENT CLEANER		97-95-8	ISOBUTYL ISOBUTYRATE	Y	N	N	N	N
				NO SECTION 313 CHEMICALS					
201091	ELECTRIC MATCH			TRADE SECRET - NOTE: ARTICLES AR	Y	N	N	N	N
720045A	EP1026 CLEAR - A		25068-38-6	BISPHENOL-A TYPE EPOXY RESIN	Y	N	N	N	N
720045B	EP1026 CLEAR - B		90-72-2	2,4,6-TRIS((DIMETHYLAMINO)METHYL	Y	Y	N	N	N
500210	EPI - CURE 3140 CURING AGENT (FORMERLY EPON CURING AGENT V	>84	68410-23-1	FATTY ACID POLYAMIDES	Y	Y	N	N	N
		<16	112-24-3	TRIETHYLENETETRAMINE (TETA)					
500172A	EPO TEK 301 - 2 , PART A	75-100	1675-54-3	DIGLYCIDYL ETHER OF BISPHENOL A	Y	Y	N	N	N
500172B	EPO TEK 301 - 2 , PART B	75-100	9046-10-0	POLYOXYPROPYLENEDIAMINE	Y	Y	N	N	N
				NO SECTION 313 CHEMICALS					
500211	EPON RESIN 828 ; K122F , K122K ; MSDS NUMBER 23 ; EPOSY RESI	100	25068-38-6	REACTION PRODUCT: BISPHENOL-A-(E	N	Y	N	N	N
		0.0006	122-60-1	PHENYL GLYCIDYL ETHER					
R22872	EQUIPMENT FLUSHING SOLVENT : 12121 / IDH NO. 135238 : CHLORI	60-100	75-09-2	METHYLENE CHLORIDE	Y	Y	N	N	N
		.1-1	75-56-9	PROPYLENE OXIDE					
500217	ETHANOL 190 PROOF	4-92.6	64-17-5	ETHANOL	Y	Y	Y	N	N
		.4-7.6	7732-18-5	WATER					
				NO SECTION 313 CHEMICALS					
990034	ETHOCEL STANDARD 100 INDUSTRIAL ETHYLCELLULOSE # 29789	98	9004-57-3	ETHYLCELLULOSE	Y	N	N	N	N
		2	7732-18-5	WATER					
				NO SECTION 313 CHEMICALS					
500274	ETHYL ACETATE - ACETIC ACID , ETHYL ESTER , ACETIC ETHER ; A	>99	141-78-6	ETHYL ACETATE	Y	N	Y	N	N
				NO SECTION 313 CHEMICALS					

ID #	PRODUCT.....	Wt %	CAS.....	INGREDIENT.....	ACU	CHR	FIRE	REACT	PRESS
R46034	ETHYL ACETATE 99% # 3345000 415 00A	-100.0	141-78-6	ETHYL ACETATE	N	Y	Y	N	N
		00.000	VOC	VOLATILE ORGANIC COMPOUNDS					
		100.0		PERCENT VOLATILES					
				NO SECTION 313 CHEMICALS					
500258	ETHYLCELLULOSE COMPOUND		9004-57-3	ETHYLCELLULOSE	N	N	N	N	N
			61702-88-3	ALKYLATES PHENYL ETHER					
				NO SECTION 313 CHEMICALS					
500230	FORANE 134A # 04134 ; R-134A , HFC-134A	100	811-97-2	1,1,1,2-TETRAFLUROETHANE (HFC-13	Y	N	N	N	Y
		100		% VOLATILES BY VOLUME:					
R27348	FORMULA 78			NO HAZARDOUS INGREDIENTS AS DEFI	N	N	N	N	N
370091	GLASS BEADS ; MSDS NO. 365 - PRELIM	100	ONE LISTED	GLASS	Y	N	N	N	N
		~70	ONE LISTED	SILICON DIOXIDE					
		~13	ONE LISTED	SODIUM OXIDE					
		~7	ONE LISTED	CALCIUM OXIDE					
		~4	ONE LISTED	MAGNESIUM OXIDE					
		~3	ONE LISTED	POTASSIUM OXIDE					
		~1	ONE LISTED	ALUMINUM OXIDE					
			65997-17-3	SYNTHETIC VITROUS FIBRES					
R13287	GRINDING AND CUTTING WHEELS : RESINOID , TYPE 1 , TYPE 27 ,	0-70	1344-28-1	ALUMINUM OXIDE	Y	Y	N	N	N
		0-70	409-21-2	AND/OR SILICON CARBIDE					
		0-30	1314-23-4	AND/OR ZIRCONIUM OXIDE					
		0-20	N/A	AND/OR CUBITRON					
		0-5	13463-67-7	AND/OR TITANIUM DIOXIDE					
		5-20	N/A	CURED PHENOLIC RESIN					
		0-20	N/A	AND/OR WOVEN FIBERGLASS					
		0-2	1317-65-3	AND/OR CALCIUM CARBONATE					
		0-5	1305-78-8	AND/OR CALCIUM OXIDE					
		0-5	7727-43-7	AND/OR BARIUM SULFATE					
		0-5	7704-34-9	AND/OR SULFUR					
		0-5	1314-98-3	AND/OR ZINC SULFIDE					
		0-5	1309-48-4	AND/OR MAGNESIUM OXIDE					
		0-5	1309-37-1	AND/OR IRON OXIDE					
		0-5	7782-42-5	AND/OR GRAPHITE					
		0-20	12068-85-8	AND/OR IRON PYRITE					
		1-10	15096-52-3	AND/OR CRYOLITE (AS FLUORIDES)					
		0-5	14075-53-7	AND/OR POTASSIUM FLUOROBORATE (A					
500266	GROUND SULFUR , INDUSTRIAL OR RUBBERMAKER'S (BRIMSTONE , SU	>99.8	7704-34-9	SULFUR	Y	Y	Y	N	N
		QUIRED	64742-52-5	PROCESS OIL					
		QUIRED	546-93-0	MAGNESIUM CARBONATE					
500236	HALLCO STEARIC ACID DP # 6541	50	57-10-3	PALMITIC ACID	Y	N	N	N	N
		39	57-11-4	STEARIC ACID					
		5	112-80-1	OLEIC ACID					
		2.5	544-63-8	MYRISTIC ACID					
		2.5	506-12-7	MARGARIC ACID					
				NO SECTION 313 CHEMICALS					
500262	HEXACHLOROETHANE	100	67-72-1	HEXACHLOROETHANE	Y	N	N	N	N
500112	HEXANE (CERTIFIED ACS GRADE) 10951 : AC2924 , S80032 , S80	4.2	0-00-0	VARIOUS METHYLPENTANES	Y	Y	Y	N	N
		9.7	96-37-7	METHYLCYCLOPENTANE					
		86.1	110-54-3	HEXANE					

ID #	PRODUCT.....	Wt %	CAS.....	INGREDIENT.....	ACU	CHR	FIRE	REACT	PRESS
R36870	HEXANOIC ACID # 105 0236 ; 105 0244 ; 105 0251	CA.100	142-62-1	HEXANOIC ACID	Y	N	N	N	N
R20271	HIGH SPEED STEEL CUTTING TOOLS (TOOL STEEL ; METALWORKING T	50-90	7439-89-6	IRON	Y	Y	N	N	N
		1-20	7440-33-7	TUNGSTEN					
		0.5-10	7439-98-7	MOLYBDENUM					
		1-5	7440-47-3	CHROMIUM					
		1-5	7440-62-2	VANADIUM					
		5-10	7440-48-4	COBALT					
500226	HODGDON CLAYS , UNIVERSAL CLAYS , INTERNATIONAL CLAYS : MULW	>85	9004-70-0	NITROCELLULOSE	Y	Y	Y	Y	Y
		10	55-63-0	NITROGLYCERIN					
		1	122-39-4	DIPHENYLAMINE					
		0-1	7782-42-5	GRAPHITE					
500227	HODGDON CLAYS , UNIVERSAL CLAYS , INTERNATIONAL CLAYS : MULW	>85	9004-70-0	NITROCELLULOSE	Y	Y	Y	Y	Y
		10	55-63-0	NITROGLYCERIN					
		1	122-39-4	DIPHENYLAMINE					
		0-1	7782-42-5	GRAPHITE					
500250	HODGDON CLAYS , UNIVERSAL CLAYS , INTERNATIONAL CLAYS : MULW	>85	9004-70-0	NITROCELLULOSE	Y	Y	Y	Y	Y
		10	55-63-0	NITROGLYCERIN					
		1	122-39-4	DIPHENYLAMINE					
		0-1	7782-42-5	GRAPHITE					
R40082	HWY DIESEL 1 (K-1)	0-100	64742-81-0	HYDRODESULFURIZED KEROSENE	Y	Y	Y	N	N
		0-3	91-20-3	NAPHTHALENE					
		0-1	ONE LISTED	PROPRIETARY ADDITIVES					
		100		% VOLATILES BY VOL:					
500216	HYGOLD 100	100	64742-52-5	SEVERELY HYDROTREATED HEAVY NA	N	N	N	N	N
				NO SECTION 313 CHEMICALS					
500147	IRON OXIDE (RED) FE203		1309-37-1	IRON OXIDE					
500229	IRON OXIDE - BLACK		1317-61-9	BLACK IRON OXIDE					
500267	IRON OXIDE - BLACK		1317-61-9	BLACK IRON OXIDE					
500244	ISOPROPYL ALCOHOL 99 % (IPA ; ISOPROPANOL ; DIMETHYL CARBIN	~99	67-63-0	ISOPROPYL ALCOHOL	Y	N	Y	N	N
R12890	K1 , K2S , K2SX02 , K2SX62 , K4H , K4H-M , K4HX02 , K400 , K	30-97	12070-12-1	TUNGSTEN CARBIDE (WC)	Y	Y	N	N	N
		2-25	7440-48-4	COBALT					
		0.1-15	12070-06-3	TANTALUM CARBIDE					
		0.1-15	12070-08-5	TITANIUM CARBIDE					
		0.1-5	12069-94-2	NIOBIUM CARBIDE					
500109	K204110 POLYESTER RESIN - LAMINAC 4110	60-65	ADE SECRET	POLYESTER RESIN	Y	N	Y	N	N
		35-45	100-42-5	STYRENE					
R14935	KEROSENE	100	8008-20-6	KEROSENE	Y	Y	Y	N	N
		100	VOC	% VOLATILE					
				NO SECTION 313 CHEMICAL					
100222	KRAFT BAG DESICCANTS ; DESI PAK # S - 1055	>=99	1302-78-9	MONTMORILLONITE CLAY MINERAL	Y	Y	N	N	N
			14808-60-7	SILICON DIOXIDE (CRYSTALLINE QUA					
		<3.0	VOC	PERCENT VOLATILE: BY WEIGHT AT 1					
500228	LAMINAC 4116	38	100-42-5	STYRENE, MONOMER	Y	N	Y	N	N
RBATTER	LEAD ACID BATTERY WET , FILLED WITH ACID , ELECTRIC	30	7664-93-9	SULFURIC ACID	Y	Y	N	Y	N
RBATTER	LEAD ACID BATTERY WET , FILLED WITH ACID , ELECTRIC SULFURIC	60-65	7439-92-1	LEAD	Y	Y	N	N	N
		0-5	7440-36-0	ANTIMONY					
		0-.25	7440-31-5	TIN					
		0-.2	7440-38-2	ARSENIC					
		22-25	NA	OTHER NON-HAZARDOUS COMPONENTS					

ID #	PRODUCT.....	Wt %	CAS.....	INGREDIENT.....	ACU	CHR	FIRE	REACT	PRESS
R15323	LOCTITE 262 THREADLOCKER # 26231 / IDH NO. 135374 ; ANAEROBI	60-100	25852-47-5	POLYGLYCOL DIMETHACRYLATE	Y	Y	N	N	N
		10-30	39382-25-7	BISPHENOL A FUMARATE RESIN					
		1-5	81-07-2	SACCHARIN					
		1-5	80-15-9	CUMENE HYDROPEROXIDE					
500110	LUPEROX DDM - 9 ; LUPERSOL DDM - 9	58	6846-50-0	2,2,4,-TRIMETHYL-1,3-PENTANEDIOL	Y	N	Y	Y	N
		32-34	1338-23-4	METHYL ETHYL KETONE PEROXIDE(S)					
		6	107-41-5	HEXYLENE GLYCOL					
		1-2	78-93-3	METHYL ETHYL KETONE					
		0.7	7722-84-1	HYDROGEN PEROXIDE					
		<0.7	7732-18-5	WATER					
100141	M - GARD W550 # 00753	60	MIXTURE	MIXED ZINC CARBOXYLATES	Y	Y	Y	N	N
		22	64742-95-6	AROMATIC PETROLEUM DISTILLATE					
		12	ONE LISTED	EMULSIFIERS					
		6	8052-41-3	MINERAL SPIRITS					
		ABOVE	12001-85-3	ZINC NAPHTHENATE					
		ABOVE	27253-29-8	ZINC NEODECANOATE					
		37	VOC	% VOLATILE BY WEIGHT					
		60	ONE LISTED	ZINC COMPOUNDS					
		7	95-63-6	1,2,4 TRIMETHYLBENZENE					
122010	MACHINABLE WAX	100	NONELISTED	WAX	N	N	N	N	N
				NO SARA SECTION 313 CHEMICALS					
500115	MAGNESIUM CARBONATE	100	546-93-0	MAGNESIUM CARBONATE	Y	N	N	N	N
		>98	VOC	% NON-VOL (W/W):					
500160	MAGNESIUM OXIDE # 4550 & 4551	40.32	1309-48-4	MAGNESIUM OXIDE	Y	N	N	N	N
500107	MAGNESIUM POWDER	99	7439-95-4	FREE METALLIC MAGNESIUM (MINIMUM	Y	N	N	Y	N
		.10	7440-66-6	ZINC (MAXIMUM)					
500132	MAGNESIUM POWDER	99	7439-95-4	FREE METALLIC MAGNESIUM (MINIMUM	Y	N	N	Y	N
		.10	7440-66-6	ZINC (MAXIMUM)					
500113	MALONONITRILE # 11550 / 33012	100	109-77-3	MALONONITRILE	Y	N	N	N	N
R49427	MAPLLC PREMIUM UNLEADED GASOLINE : CONVENTIONAL PREMIUM UNI	100	86290-81-5	MAPLLC PREMIUM UNLEADED GASOLIN	Y	Y	Y	N	N
			ONE LISTED	SATURATED HYDROCARBONS					
			ONE LISTED	AROMATIC HYDROCARBONS					
			ONE LISTED	TOLUENE					
			ONE LISTED	XYLENE					
			ONE LISTED	UNSATURATED HYDROCARBONS					
			ONE LISTED	1,2,4-TRIMETHYLBENZENE					
			ONE LISTED	BENZENE					
			ONE LISTED	ETHYLBENZENE					
		100	VOC	VOC CONTENT					
500121	METHANOL	100	67-56-1	METHANOL	Y	N	Y	N	N
R40531	METHYL ETHYL KETONE (2-BUTANONE ; MEK ; ETHYL METHYL KETON	99.8	78-93-3	METHYL ETHYL KETONE	Y	Y	Y	N	N
500129	METHYLENE CHLORIDE TECHNICAL GRADE	100	75-09-2	METHYLENE CHLORIDE	Y	Y	N	N	N
500151	MIL - V - 16399A , TYPE - A TRANSPARENT RED ; MILVAR - 837A	30-35	1330-20-7	XYLENE	Y	N	Y	Y	N
		5-10	64742-95-6	AROMATIC NAPHTHA					
		5-10	64741-41-9	MINERAL SPIRITS					
		50	VOC	% VOLATILE VOLUME					
R19659	MOBIL ALMO 525 # 603183 - 00 , 970924 ; BASE OIL AND ADDITIV	100	MIXTURE	BASE OIL AND ADDITIVES	Y	N	N	N	N
		1-5	61788-76-9	CHLORO ALKANES					
			7782-50-5	CHLORINE (ELEMENTAL ANALYSIS)					

ID #	PRODUCT.....	Wt %	CAS.....	INGREDIENT.....	ACU	CHR	FIRE	REACT	PRESS
			68649-42-3	PHOSPHORODITHOIC ACID, O,O-DI C1					
R13171	MOBIL VACTRA OIL NO. 2 # 600494 - 00	100	ONE LISTED	PET. HYDROCARBONS & ADDITIVES	N	N	N	N	N
				NO SECTION 313 CHEMICALS					
R12261	MOBIL VACTRA OIL NO. 4 # 600510-00			NO REPORTABLE INFREDIENTS	N	N	N	N	N
				NO SECTION 313 CHEMICALS					
R17897	MOBIL VELOCITE OIL NO. 10 : 201560509090 , 600684-00 , 97057	100	MIXTURE	BASE OIL AND ADDITIVES	N	N	N	N	N
		LISTED	NONELISTED	BASE OIL SEVERELY REFINED					
		LISTED	122-39-4	DIPHENYLAMINE					
				NO SECTION 313 CHEMICALS					
R12404	MOBIL VELOCITE OIL NO. 6 ; 600668 - 00	100	MIXTURE	PET.HYDROCARBONS AND ADDITIVES	Y	Y	N	N	N
		5-15	64741-44-2	STRAIGHT RUN GAS OIL					
				NO SECTION 313 CHEMICALS					
R42671	MOBILGREASE XHP 222 , 530436-00 , 97E898 , GREASE	<2.5	68457-79-4	ZINC DIALKYL DITHIOPHOSPHATE	N	N	N	N	N
			122-39-4	DIPHENYLAMINE					
			100-41-4	ETHYL BENZENE					
			12001-85-3	NAPHTHENIC ACIDS, ZINC SALTS					
			1330-20-7	XYLENES					
			27253-29-8	ZINC NEODECANOATE					
R14573	MOBILITH AW-2 # 643536 - 00 , 970629 ; BASE OIL AND ADDITIVE	100	MIXTURE	BASE OIL AND ADDITIVES	N	N	N	N	N
		1-5	68457-79-4	ZINC DIALKYL DITHIOPHOSPHATE					
			122-39-4	DIPHENYLAMINE					
R12413	MOBILMET S 122			THIS PRODUCT IS NOT FORMULATED T	N	N	N	N	N
		<100	N/A	BASE OILS, SEVERELY SOLVENT REFI					
		5-15	N/A	CARBOXYLIC ACID ANHYDRIDE					
				NO SECTION 313 CHEMICAL					
		NE	VOC	VOLATILE ORGANIC COMPOUND					
500178	MODERN SMOKELESS POWDERS - ST MARKS POWDERS - POWDER SPE	0-40	55-63-0	NITROGLYCERIN	Y	N	N	N	Y
		0-10	84-74-2	DIBUTYL PHTHALATE					
		0-10	ROPRIETARY	POLYESTER ADIPATE					
		0-5	8050-09-7	ROSIN					
		0-1.5	141-78-6	ETHYL ACETATE					
		.3-1.5	122-39-4	DIPHENYLAMINE					
		0-1.5	86-30-6	N,NITROSO DIPHENYL AMINE					
		0-1.5	7757-79-1	POTASSIUM NITRATE					
		0-1.5	7778-80-5	POTASSIUM SULFATE					
		0-1.5	18282-10-5	TIN DIOXIDE					
		0-1.5	119-75-5	2-NITRO DIPHENYL AMINE					
		0.02-1	7782-42-5	GRAPHITE					
		0-1	1317-65-3	CALCIUM CARBONATE					
		.5-100	9004-70-0	NITROCELLULOSE					
500251	MODERN SMOKELESS POWDERS - ST MARKS POWDERS - POWDER SPE	0-40	55-63-0	NITROGLYCERIN	Y	N	N	N	Y
		0-10	84-74-2	DIBUTYL PHTHALATE					
		0-10	ROPRIETARY	POLYESTER ADIPATE					
		0-5	8050-09-7	ROSIN					
		0-1.5	141-78-6	ETHYL ACETATE					
		.3-1.5	122-39-4	DIPHENYLAMINE					
		0-1.5	86-30-6	N,NITROSO DIPHENYL AMINE					
		0-1.5	7757-79-1	POTASSIUM NITRATE					
		0-1.5	7778-80-5	POTASSIUM SULFATE					

ID #	PRODUCT.....	Wt %	CAS.....	INGREDIENT.....	ACU	CHR	FIRE	REACT	PRESS
		0-1.5	18282-10-5	TIN DIOXIDE					
		0-1.5	119-75-5	2-NITRO DIPHENYL AMINE					
		0.02-1	7782-42-5	GRAPHITE					
		0-1	1317-65-3	CALCIUM CARBONATE					
		.5-100	9004-70-0	NITROCELLULOSE					
100112	MONOCAT SCREEN INK ; C91 SERIES	38.56	111-76-2	2-BUTOXYETHANOL	Y	Y	N	N	N
		0.85	50-00-0	FORMALDEHYDE					
		1-5	64-17-5	ETHYL ALCOHOL					
		1-5	67-63-0	ISOPROPYL ALCOHOL					
		1-5	12788-93-1	ACID BUTYL PHOSPHATE					
		2.50	71-36-3	N-BUTYL ALCOHOL					
		40	VOC	VOLATILES WGT					
100113	MONOCAT SCREEN INK ; C91 SERIES	38.56	111-76-2	2-BUTOXYETHANOL	Y	Y	N	N	N
		0.85	50-00-0	FORMALDEHYDE					
		1-5	64-17-5	ETHYL ALCOHOL					
		1-5	67-63-0	ISOPROPYL ALCOHOL					
		1-5	12788-93-1	ACID BUTYL PHOSPHATE					
		2.50	71-36-3	N-BUTYL ALCOHOL					
		40	VOC	VOLATILES WGT					
100114	MONOCAT SCREEN INK ; C91 SERIES	38.56	111-76-2	2-BUTOXYETHANOL	Y	Y	N	N	N
		0.85	50-00-0	FORMALDEHYDE					
		1-5	64-17-5	ETHYL ALCOHOL					
		1-5	67-63-0	ISOPROPYL ALCOHOL					
		1-5	12788-93-1	ACID BUTYL PHOSPHATE					
		2.50	71-36-3	N-BUTYL ALCOHOL					
		40	VOC	VOLATILES WGT					
100115	MONOCAT SCREEN INK ; C91 SERIES	38.56	111-76-2	2-BUTOXYETHANOL	Y	Y	N	N	N
		0.85	50-00-0	FORMALDEHYDE					
		1-5	64-17-5	ETHYL ALCOHOL					
		1-5	67-63-0	ISOPROPYL ALCOHOL					
		1-5	12788-93-1	ACID BUTYL PHOSPHATE					
		2.50	71-36-3	N-BUTYL ALCOHOL					
		40	VOC	VOLATILES WGT					
100120	MONOCAT SCREEN INK ; C91 SERIES	38.56	111-76-2	2-BUTOXYETHANOL	Y	Y	N	N	N
		0.85	50-00-0	FORMALDEHYDE					
		1-5	64-17-5	ETHYL ALCOHOL					
		1-5	67-63-0	ISOPROPYL ALCOHOL					
		1-5	12788-93-1	ACID BUTYL PHOSPHATE					
		2.50	71-36-3	N-BUTYL ALCOHOL					
		40	VOC	VOLATILES WGT					
500136	NATURAL GRAPHITE - 1651	100	7782-42-5	NATURAL GRAPHITE	Y	Y	N	N	N
500116	NITROCELLULOSE 6% # 9989 ; A919989	90	67-64-1	ACETONE	Y	Y	Y	N	N
		5	9004-70-0	CELLULOSE NITRATE					
		<5.0	67-63-0	ISOPROPANOL					
				NO SECTION 313 CHEMICALS					
500182	NITROCELLULOSE 6% # 9989 ; A919989	90	67-64-1	ACETONE	Y	Y	Y	N	N
		5	9004-70-0	CELLULOSE NITRATE					
		<5.0	67-63-0	ISOPROPANOL					
				NO SECTION 313 CHEMICALS					

ID #	PRODUCT.....	Wt %	CAS.....	INGREDIENT.....	ACU	CHR	FIRE	REACT	PRESS
500148	OLEORESIN CAPSICUM , AFRICAN TYPE , 12.0% MC 943355	8-13.2	ONE LISTED	CAPSAICINOIDS	Y	N	N	N	N
		NIL	VOC	% VOLATILE BY VOL.:					
500218	OLEORESIN CAPSICUM , W / S , DECOLORIZED , 2.0% MC 01 - 020	.8-2.2	ONE LISTED	CAPSAICINOIDS	Y	N	N	N	N
		NIL	VOC	% VOLATILE BY VOL.:					
500170	OLEORESIN CAPSICUM , WATER DISPERSIBLE , 4.0% MC 01 - 040 -	.8-4.2	ONE LISTED	CAPSAICINOIDS	Y	N	N	N	N
		NIL	VOC	% VOLATILE BY VOL.:					
500204	OLEORESIN CAPSICUM , WATER DISPERSIBLE , 4.0% MC 01 - 040 -	.8-4.2	ONE LISTED	CAPSAICINOIDS	Y	N	N	N	N
		NIL	VOC	% VOLATILE BY VOL.:					
625110	PLAIN THERMIT	100	NONELISTED	MIXTURE OF ALUMINUM AND IRON OXI	Y	N	N	N	N
R49397	PLASTI DIP AND PLASTI DIP UV (F - 698 , 819 , 820)	5-37.1	64742-89-8	VM&P NAPHTHA	Y	Y	Y	N	N
		2-18.6	110-54-3	HEXANE					
		6-14.8	108-88-3	TOLUENE					
		.5-3.7	78-93-3	METHYL ETHYL KETONE					
		8-37.1	N/A	RESINS					
920045	POLYKEN 231 TAPE - ALL SIZES			THIS PRODUCT IS NOT HAZARDOUS AS	Y	N	N	N	N
				NO SECTION 313 CHEMICALS					
500239	POLYSORBATE 80 ; POLYOXYETHYLENE 20 SORBITAN MONOOLEATE ; PO	90-100	9005-65-6	POLYSORBATE 80	Y	N	N	N	N
				NO SECTION 313 CHEMICALS					
500117	POTASSIUM CHLORATE	99.8	3811-04-9	POTASSIUM CHLORATE	Y	N	N	N	N
				NO SECTION 313 CHEMICALS					
500119	POTASSIUM NITRATE ; POTASH NITRATE , SALTPETER	100	7757-79-1	POTASSIUM NITRATE	Y	N	N	N	N
		N/A		% VOLATILE BY VOLUME					
500105	POTASSIUM PERCHLORATE	100	7778-74-7	POTASSIUM PERCHLORATE	Y	Y	N	N	N
		ILABLE	VOC	VOLATILITY					
500200	POTASSIUM PERCHLORATE	100	7778-74-7	POTASSIUM PERCHLORATE	Y	Y	N	N	N
		ILABLE	VOC	VOLATILITY					
500243	POTASSIUM PERCHLORATE	100	7778-74-7	POTASSIUM PERCHLORATE	Y	Y	N	N	N
		ILABLE	VOC	VOLATILITY					
990032	POTASSIUM SULFATE : NATURAL ARCANITE ; SAL POLYCHRESTUM ; AR	100	7778-80-5	POTASSIUM SULFATE	Y	Y	N	N	N
500164	POWER PISTOL DOUBLE - BASE SMOKELESS POWDER	4-40	55-63-0	NITROGLYCERIN	Y	Y	Y	Y	Y
500213	PRISM 411 CLEAR TOUGHENED INSTANT ADHESIVE # 41104 (CYANOA	60-100	7085-85-0	ETHYL CYANOACRYLATE	Y	Y	Y	Y	N
		85.6	VOC	VOC CONTENT					
				NO SECTION 313 CHEMICALS					
R10008	PROPANE (ODORIZED)	85-100	74-98-6	PROPANE	Y	N	Y	N	Y
		0-15	115-07-1	PROPYLENE					
		0-2.5	106-97-8	BUTANE AND HEAVIER					
		0-5	74-84-0	ETHANE					
		0.0025	75-08-1	ETHYL MERCAPTAN (ODORANT)					
500221	PROPYLENE GLYCOL USP : DZ70531	99	57-55-6	PROPYLENE GLYCOL	Y	Y	N	N	N
500140	PVC CEMENT	35-50	109-99-9	TETRAHYDROFURAN	Y	N	Y	N	N
		35-50	78-93-3	METHYL ETHYL KETONE					
		5-15	108-94-1	CYCLOHEXANONE					
500189	PYRODEX , A PYROTECHNIC MIXTURE		ONE LISTED	CHARCOAL	Y	N	N	N	N
			ONE LISTED	SULFUR					
			ONE LISTED	POTASSIUM NITRATE					
			ONE LISTED	POTASSIUM PERCHLORATE					
			ONE LISTED	GRAPHITE					
R45368	QUINSYN PLUS # 144046			THIS PRODUCT IS NON-HAZARDOUS.	Y	N	N	N	N
500124	RED DOT SMOKELESS POWDER	4-40	55-63-0	NITROGLYCERIN	Y	N	N	N	N

ID #	PRODUCT.....	Wt %	CAS.....	INGREDIENT.....	ACU	CHR	FIRE	REACT	PRESS
		.5-1.0	122-39-4	DIPHENYLAMINE					
		T 20 C	VOC	VOLATILE					
500161	RED GUM ; YACCA GUM	100	9000-20-8	RED GUM	N	N	N	N	N
				NO SECTION 313 CHEMICALS					
500247	RELODER 15 DOUBLE - BASE SMOKELESS POWDER	4-40	55-63-0	NITROGLYCERIN	Y	Y	Y	Y	Y
500245	RELODER 7 DOUBLE - BASE SMOKELESS POWDER	4-40	55-63-0	NITROGLYCERIN	Y	Y	Y	Y	Y
		.5-2	7757-79-1	POTASSIUM NITRATE					
R56448	RESIN 5381 FLUX TYPE RMA	65	67-63-0	ISOPROPANOL	Y	N	Y	N	N
		65	67-56-1	METHANOL					
		LISTED	8050-09-7	RESIN					
		TRACE	50-00-0	FORMALDEHYDE					
		TRACE	NONELISTED	TURPENTINE					
720077A	SCOTCH - WELD STRUCTURAL PLASTIC ADHESIVE DP - 8005 , PART A	40-70	ADE SECRET	POLYESTER ADIPATE	Y	N	Y	N	N
		10-30	23674-50-8	AMINE BORANE COMPLEX					
		10-30	64265-57-2	POLYFUNCTIONAL AZIRIDINE					
		.5-1.5	67762-90-7	AMORPHOUS SILICA					
720077B	SCOTCH - WELD STRUCTURAL PLASTIC ADHESIVE DP - 8005 , PART B	40-60	2455-24-5	METHYACRYLATE	Y	N	Y	N	N
		10-30	9003-56-9	ACRYLONITRILE-BUTADIENE-STYRENE					
		10-30	688-84-6	2-ETHYLHEXYL METHACRYLATE					
		1-10	68131-74-8	GLASS SPHERES (VANADIUM COMPOUND					
		1-3	20882-04-6	IMPACT MODIFIER					
		<0.5	14808-60-7	QUARTZ SILICA					
120074	SHOT SHELL PRIMERS ; 209 PRIMER , AA PRIMER	50-55	7439-89-6	IRON	Y	N	N	N	Y
		20-35	7440-50-8	COPPER					
		1-0.04	7439-92-1	LEAD					
		1-14	7440-66-6	ZINC					
		2-3	15245-44-0	LEAD STYPHNATE					
		2-3	T ASSIGNED	PAPER					
		1-3	7440-50-8	COPPER					
		.5-2.5	10022-31-8	BARIUM NITRATE					
		.8-1.1	1345-04-6	ANTIMONY SULFIDE					
		ICABLE	VOC	VOLATILES, PERCENT BY VOLUME					
201018	SHOT SHELL PRIMERS ; 209 PRIMER , AA PRIMER	50-55	7439-89-6	IRON	Y	N	N	N	Y
		20-35	7440-50-8	COPPER					
		1-0.04	7439-92-1	LEAD					
		1-14	7440-66-6	ZINC					
		2-3	15245-44-0	LEAD STYPHNATE					
		2-3	T ASSIGNED	PAPER					
		1-3	7440-50-8	COPPER					
		.5-2.5	10022-31-8	BARIUM NITRATE					
		.8-1.1	1345-04-6	ANTIMONY SULFIDE					
		ICABLE	VOC	VOLATILES, PERCENT BY VOLUME					
370020	SHOT SHELL PRIMERS ; 209 PRIMER , AA PRIMER	50-55	7439-89-6	IRON	Y	N	N	N	Y
		20-35	7440-50-8	COPPER					
		1-0.04	7439-92-1	LEAD					
		1-14	7440-66-6	ZINC					
		2-3	15245-44-0	LEAD STYPHNATE					
		2-3	T ASSIGNED	PAPER					
		1-3	7440-50-8	COPPER					

ID #	PRODUCT.....	Wt %	CAS.....	INGREDIENT.....	ACU	CHR	FIRE	REACT	PRESS
		.5-2.5	10022-31-8	BARIUM NITRATE					
		.8-1.1	1345-04-6	ANTIMONY SULFIDE					
		ICABLE	VOC	VOLATILES, PERCENT BY VOLUME					
100161	SILICA GEL DESICCANT GRADE 42, 43, 44 : CAT# S160500, S160 1	.9	7646-79-9	COBALTOUS CHLORIDE	Y	Y	N	Y	N
		99	12926-00-8	SILICA, AMORPHOUS, PRECIPITATED					
500101	SILICON , 14		7440-21-3	SILICON					
500154	SILICON METAL POWDER , NON AMORPHOUS	>97	7440-21-3	SILICON (SI)	Y	Y	Y	Y	N
		<2	7439-89-6	IRON (FE)					
		<2	7429-90-5	ALUMINUM (AL)					
				MSDS SAYS NO SECTION 313 CHEMICA					
R42824	SIMPLE GREEN CLEANER / DEGREASER	<6	111-76-2	2-BUTOXYETHANOL (BUTYL CELLOSOIV	Y	N	N	N	N
R45492	SIMPLE GREEN LIME SCALE REMOVER : 50032 , 50128 : 3UP43 , 3U	LISTED	79-14-1	HYDROXYACETIC	Y	N	N	N	N
500185	SINGLE BASE SMOKELESS POWDER (IMR SMOKELESS POWDER -- 700X		9004-70-0	NITROCELLULOSE	Y	Y	Y	N	Y
			121-14-2	2,4-DINITROTOLUENE					
990043	SN-60 (SOLDER , METAL ALLOY)	60.00	7440-31-5	TIN	Y	Y	N	N	N
		39.65	7439-92-1	* LEAD					
		.35	7440-36-0	ANTIMONY					
		N/A	7440-69-9	BISMUTH					
		N/A	7440-43-9	CADMIUM					
		N/A	7440-22-4	SILVER					
R25607	SODIUM CARBONATE (CARBONIC ACID , DISODIUM SALT ; SODIUM CA	99	497-19-8	SODIUM CARBONATE	Y	Y	N	N	N
R14570	SODIUM HYDROXIDE 50 % (RAYON & REGULAR GRADES) ; CAUSTIC S	50	1310-73-2	SODIUM HYDROXIDE	Y	Y	N	N	N
		ICABLE	VOC	VOLATILES BY WEIGHT (%)					
				NO 313 CHEMICALS					
501060	SODIUM NITRATE	98.0	7631-99-4	SODIUM NITRATE	Y	Y	Y	N	N
500194	SOLVENT BLUE 35 : MORPLAS BLUE B 200% POWDER : 45 - 602	100	17354-14-2	SOLVENT BLUE35/9,10ANTHRACENEDIC	Y	N	N	N	N
500193	SOLVENT GREEN 3 : MORPLAS GREEN 3 POWDER : 45 - 700	100	128-80-3	SOLVENT GREEN 3 9,10 ANTHRACENED	Y	N	N	N	N
500190	SOLVENT RED 111	100	82-83-2	ANTHRAQUINONE -SOLVENT RED 111	Y	N	N	N	N
				NONE AS PER 29CFR PART 1910.1200					
500195	SOLVENT VIOLET 14 : MORPLAS VIOLET 14 POWDER : 45 - 500	100	8005-40-1	9,10ANTHRACENEDIONE,1,8BIS(METHY	Y	N	N	N	N
500192	SOLVENT YELLOW 167	100	13354-35-3	SOLVENT YELLOW 167	Y	N	N	N	N
				NONE AS PER 29CFR PART 1910.1200					
R56169	SPEEDY CLEANZ	74-76	8031-18-3	HYDROUS MAGNESIUM ALUMINUM SILI	Y	Y	N	N	N
		7-24.8	ROPRIETARY	SUPERABSORBENT POLYMER					
		.2-.3	2893-78-9	SODIUM DICHLORO-S-TRIAZINETRIONE					
				NO SARA SECTION 313 CHEMICAL KNO					
R14661	SS 304 STAINLESS STEEL , 304L	19	7440-47-3	CHROMIUM	Y	Y	N	N	N
		9.25	7440-02-0	NICKEL					
			7440-44-0	CARBON (0.1)					
		2	7439-96-5	MANGANESE					
			7723-14-0	PHOSPHOROUS (.1MAX)					
			7704-34-9	SULPHUR (0.1)					
		1	7440-21-3	SILICON					
		66	7439-89-6	IRON					
R49369	STA - PLEX PREMIUM RED GREASE # SL3190 - SL3199	5-10	64742-52-5	PETROLEUM DISTILLATE	N	N	N	N	N
		10-20	64742-57-0	RESIDUAL OILS					
		30-50	64741-88-4	PARAFFINIC OIL					
				NO SECTION 313 CHEMICALS					
R54337	STABIL FUEL STABILIZER 1104 , ZAD1104	5	MIXTURE	ADDITIVE MIXTURE	Y	N	Y	N	N

ID #	PRODUCT.....	Wt %	CAS.....	INGREDIENT.....	ACU	CHR	FIRE	REACT	PRESS
		95	64742-53-6	PETROLEUM DISTILLATE					
				NO SECTION 313 CHEMICALS					
R13491	STEEL 4140 RYCHROME A193-B7 MIL-S-1222 (ALSO 4142) MPS 127	96	7439-89-6	IRON (FE)	Y	Y	N	N	N
		75-1.0	7439-96-5	MANGANESE					
			7440-44-0	CARBON (.43)					
		.8-1.1	7440-47-3	CHROMIUM					
			7439-98-7	MOLYBDENUM (.25)					
			7723-14-0	PHOSPHOROUS (.035)					
			7440-21-3	SILICON (.35)					
			7704-34-9	SULFUR (.04)					
500108	STRONTIUM NITRATE	99.5	10042-76-9	STRONTIUM NITRATE POWDER	Y			N	N
500118	SUCROSE , 99 + % , A . C. S . REAGENT : 247618 : BEET SUGAR	99-100	57-50-1	SUCROSE	Y	N	N	N	N
500273	TAL - STRIP AEROSOL # 2811	70-80	75-09-2	DICHLOROMETHANE	Y	Y	Y	N	N
		5-10	74-98-6	PROPANE					
		1-5	75-28-5	ISOBUTANE					
		1-5	64-17-5	ETHANOL					
		1-5	7732-18-5	WATER					
		1-5	67-56-1	METHANOL					
		1-5	8052-41-3	MINERAL SPIRITS					
		1-5	8002-74-2	PARAFFIN WAX					
		1-5	9004-65-3	HYDROXYPROPYL METHYLCELLULOSE					
500141	TITANIUM POWDER ; TI - 101 / 104 / 106 / 107 / 109	95	7440-32-6	TITANIUM	Y	N	N	N	N
				NO SECTION 313 CHEMICALS					
R11212	TOOL STEEL O-1 (KETOS)	1	7440-47-3	CHROMIUM	Y	Y	N	N	N
		.10	7440-02-0	NICKEL					
		95.7	7439-89-6	IRON					
			1309-37-1	IRON OXIDE					
		1	7440-21-3	SILICON					
		1.2	7439-96-5	MANGANESE					
		1	1333-86-4	CARBON					
100171	TT - T - 306C TYPE 1 THINNER , 306C	53	1330-20-7	XYLENE	Y	N	Y	N	N
		47	8052-41-3	ALIPHATIC HYDROCARBONS (STODDARD					
				NO SECTION 313 CHEMICALS					
R34437	U-LINE S - 313 FAST TACK ADHESIVE ; ULINE SPRAY ADHESIVE S -		67-64-1	ACETONE	Y	N	Y	N	N
			110-54-3	HEXANE					
			110-82-7	CYCLOHEXANE					
			68476-86-8	HYDROCARBON PROPELLANT					
R35106	UNI-PAINT MARKERS PX-21 FINE AND PX-20 MEDIUM MARKER : BLACK		1330-20-7	XYLENE	Y	N	Y	N	N
			13463-67-7	TITANIUM DIOXIDE					
			ONE LISTED	RESIN					
			ONE LISTED	DYES					
R56048	VALERIC ACID : SLV1030	100	109-52-4	VALERIC ACID	Y	Y	Y	N	N
R30168	VD THINNER	25	111-15-9	ETHYLENE GLYCOL MONOETHYL ETHE	Y	Y	Y	N	N
		50	64742-95-6	AROMATIC PETROLEUM DISTILLATES					
		25	123-86-4	N-BUTYL ACETATE					
		7	1330-20-7	XYLENE					
		3	98-82-8	CUMENE					
		40	25551-13-7	TRIMETHYLBENZENE					
		50	ONE LISTED	TRIMETHYLBENZENE MAY CONTAIN 1,					

ID #	PRODUCT.....	Wt %	CAS.....	INGREDIENT.....	ACU	CHR	FIRE	REACT	PRESS
		50	95-63-6	OR 1,2,4-TRIMETHYLBENZENE					
		22.5	108-67-8	AND MESITYLENE,1,3,5-TRIMETHYLBE					
990054	VINNAPAS B 100 ; 60002202			THIS MATERIAL DOES NOT CONTAIN A	Y	N	N	N	N
			108-05-4	VINYL ACETATE					
500144	VINYL ALCOHOL ACETATE RESIN (VAAR)	26-29	9003-20-7	VINYL ALCOHOL ACETATE RESIN	Y	Y	Y	N	N
		71-74	79-20-9	METHYL ACETATE					
		71-74	VOC	PERCENT VOLATILES					
500231	VINYL ALCOHOL ACETATE RESIN (VAAR)	26-29	9003-20-7	VINYL ALCOHOL ACETATE RESIN	Y	Y	Y	N	N
		71-74	79-20-9	METHYL ACETATE					
		71-74	VOC	PERCENT VOLATILES					
R10225	WD-40 AEROSOL : CLEANER , LUBRICANT , PENETRANT	45-50	64742-47-8	ALIPHATIC HYDROCARBON	Y	N	Y	N	Y
		45-50	64742-48-9	ALIPHATIC HYDROCARBON					
		45-50	64742-88-7	ALIPHATIC HYDROCARBON					
		15-25	64742-65-0	PETROLEUM BASE OIL					
		12-18	64742-47-8	LVP ALIPHATIC HYDROCARBON					
		2-3	124-38-9	CARBON DIOXIDE					
		<10	MIXTURE	NON-HAZARDOUS INGREDIENTS					
				NO SECTION 313 CHEMICALS					
R35494	WHITE MINERAL OIL # 6316 - SONTEX , DRAKEOIL , PAROL , PENE	>99	8042-47-5	MINERAL OIL	N	N	N	N	N
		0		% VOLATILE BY VOLUME:					
500261	ZINC OXIDE, KADOX 911, 911P, 915, 920, 920P, 930, 930G	99.7	1314-13-2	ZINC OXIDE	Y	Y	N	N	N
		.0025	7439-92-1	LEAD					
		.01	7440-43-9	CADMIUM					
500166	ZINC POWDER # 1206 , 1212 , 1221 , 1222 , 1223 , 1225 , # 2	>98.0	7440-66-6	ZINC	Y	Y	N	Y	N
		<.50	7439-92-1	LEAD					
		N/A	VOC	PERCENT VOLATILE BY VOLUME					
772286	ZIRCONIUM NICKEL DELAY			ZIRCONIUM	Y	N	N	N	N
				POTASSIUM PERCHLORATE					
				BARIUM CHROMATE					
772300	ZIRCONIUM NICKEL DELAY			ZIRCONIUM	Y	N	N	N	N
				POTASSIUM PERCHLORATE					
				BARIUM CHROMATE					
772304	ZIRCONIUM NICKEL DELAY			ZIRCONIUM	Y	N	N	N	N
				POTASSIUM PERCHLORATE					
				BARIUM CHROMATE					

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Plan
1 EHS
5 Chems
#1800

Pennsylvania Tier II Emergency and Hazardous Chemical Inventory

Reporting Period From January 1, 2009 to December 31, 2009

☐ Initial 5 Day Report ☑ Annual ☐ Revision

Facility Identification

ID	21112		
Name	COMBINED SYSTEMS, INC.		
Company Name	COMBINED SYSTEMS, INC.		
Street	388 KINSMAN ROAD	City	JAMESTOWN
County	Mercer	Municipality	Greene Township
LEPC Name	Mercer LEPC		
State	PA	Zip	16134
Phone	(724) 932-2177	Lat/Long	41.4775/-80.48194
Fax	(724) 932-3617	Email	edzarger@aegis-usa.com

Owner/Operator Details

Name	COMBINED SYSTEMS, INC.
Phone	(724) 932-2177
Street Address	388 KINSMAN ROAD
City	JAMESTOWN
State	PA
Zip	16134
Country	United States

Mailing Address if different from Facility ID Address

Name			
Attn			
Address			
Street Address 2			
City		State	
Zip		Phone	
Country			

Emergency Contacts

Name	DANIEL LASHINSKY		
Title	DIRECTOR OF SAFETY		
Phone	(724) 932-2177	24 Hr.Phone	(724) 589-0390
Name	TIM BUCK		
Title	SAFETY AND SECURITY SUPERVISOR		
Phone	(724) 932-2177	24 Hr.Phone	(724) 253-2180

SIC Code	3483	Dun & Brad No	945646123
NAICS	332995	TRIFID	
EIN ID(Tax Number)	25-1769622	Mail ID	

Mixture Components are listed in the Appendix.

Certification: I certify under penalty of law that I have personally examined and am familiar with the information submitted, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner/operator or authorized representative	Date	Signature
Daniel Lashinsky, Director of Safety	2/26/2010 12:47 PM	

Optional Attachments

- ☑ Site Plan
- ☐ Site Coordinate Abbreviations
- ☐ Other Safeguard measures
- ☐ Facility Emergency Response Plan

Chemical Description	Physical & Health Hazards	Inventory	Storage Codes & Location
Chemical ID : 489333 Check if Chemical Information has changed from the last submission : ☑ CAS : 89985 Trade Secret : ☐ Chemical Name : 2-CHLOROBENZALDEHYDE (OCBA) EHS : ☐ Contains EHS : ☐ EHS Name : ☑ Pure ☐ Mix ☐ Solid ☑ Liquid ☐ Gas	☑ Fire ☐ Pressure ☐ Reactivity ☑ Immediate ☐ Delayed (Chronic)	34000 Max Daily Amt(lbs) 04 Max Daily Amount Code 17000 Ave. Daily Amount (lbs.) 04 Ave. Daily Amount Code 365 No of days in site	

Container Type	Pressure	Temperature	Storage Location
E	1	4	BLDG CONEX A1 GRID B-2
E	1	4	BLDG E GRID B-4

Chemical Description	Physical & Health Hazards	Inventory	Storage Codes & Location
Chemical ID : 489332 Check if Chemical Information has changed from the last submission : ☑ CAS : 67641 Trade Secret : ☐ Chemical Name : ACETONE EHS : ☐ Contains EHS : ☐ EHS Name : ☑ Pure ☐ Mix ☐ Solid ☑ Liquid ☐ Gas	☑ Fire ☑ Pressure ☐ Reactivity ☑ Immediate ☑ Delayed (Chronic)	13000 Max Daily Amt(lbs) 04 Max Daily Amount Code 12000 Ave. Daily Amount (lbs.) 04 Ave. Daily Amount Code 365 No of days in site	

Container Type	Pressure	Temperature	Storage Location
D	1	4	BLDG B & BLDG MS AEROSOL C-2
D	1	4	BUILDING C,H,I C-3
D	1	4	BUILDING G,O B-4
D	1	4	BUILDING L & BLDG M C-4
D	1	4	BUILDING N D-3,4
D	1	4	CONEX B1 B-2

Chemical Description	Physical & Health Hazards	Inventory	Storage Codes & Location
Chemical ID : 483377 Check if Chemical Information has changed from the last submission : ☑ CAS : 2698411 Trade Secret : ☐ Chemical Name : CS (O-CHLOROBENZALMALONONITRILE) EHS : ☐ Contains EHS : ☐ EHS Name : ☑ Pure ☐ Mix ☐ Solid ☑ Liquid ☐ Gas	☑ Fire ☑ Pressure ☐ Reactivity ☑ Immediate ☑ Delayed (Chronic)	20000 Max Daily Amt(lbs) 04 Max Daily Amount Code 12000 Ave. Daily Amount (lbs.) 04 Ave. Daily Amount Code 365 No of days in site	

Container Type	Pressure	Temperature	Storage Location
E	1	4	BLDG E GRID B-4
R	1	4	BLDG C,D,H,I GRID C-3
R	2	4	BLDG C,D GRID C-3

Chemical Description	Physical & Health Hazards	Inventory	Storage Codes & Location
Chemical ID : 475120 Check if Chemical Information has changed from the last submission : ☑ CAS : 109773 Trade Secret : ☐ Chemical Name : MALONONITRILE EHS : ☑ Contains EHS : ☐ EHS Name : MALONONITRILE ☑ Pure ☐ Mix ☑ Solid ☐ Liquid ☐ Gas	☐ Fire ☐ Pressure ☐ Reactivity ☑ Immediate ☐ Delayed (Chronic)	2400 Max Daily Amt(lbs) 03 Max Daily Amount Code 1800 Ave. Daily Amount (lbs.) 03 Ave. Daily Amount Code 365 No of days in site	Container Type / Pressure / Temperature / Storage Location D / 1 / 4 / BUILDING E B-4 D / 1 / 4 / CONEX A1 B-2 D / 1 / 4 / BUILDING C C-3

Chemical Description	Physical & Health Hazards	Inventory	Storage Codes & Location
Chemical ID : 489334 Check if Chemical Information has changed from the last submission : ☑ CAS : 12001262 Trade Secret : ☐ Chemical Name : MICA EHS : ☐ Contains EHS : ☐ EHS Name : ☑ Pure ☐ Mix ☑ Solid ☐ Liquid ☐ Gas	☐ Fire ☐ Pressure ☐ Reactivity ☑ Immediate ☑ Delayed (Chronic)	22000 Max Daily Amt(lbs) 04 Max Daily Amount Code 22000 Ave. Daily Amount (lbs.) 04 Ave. Daily Amount Code 365 No of days in site	Container Type / Pressure / Temperature / Storage Location D / 1 / 4 / BUILDING CONEX B GRID B-2

CHEMICALS:	LOCATION	
(3) ACETONE	BLDG B, MS	C-2
	BLDG C,H,I	C-3
	BLDG G,O	B-4
	BLDG L,M	C-4
	BLDG N	D-3,4
	CONEX B1	B-2
(4) OCBA	CONEX A1	B-2
	BLDG E	B-4
(5) MICA	CONEX B	B-2

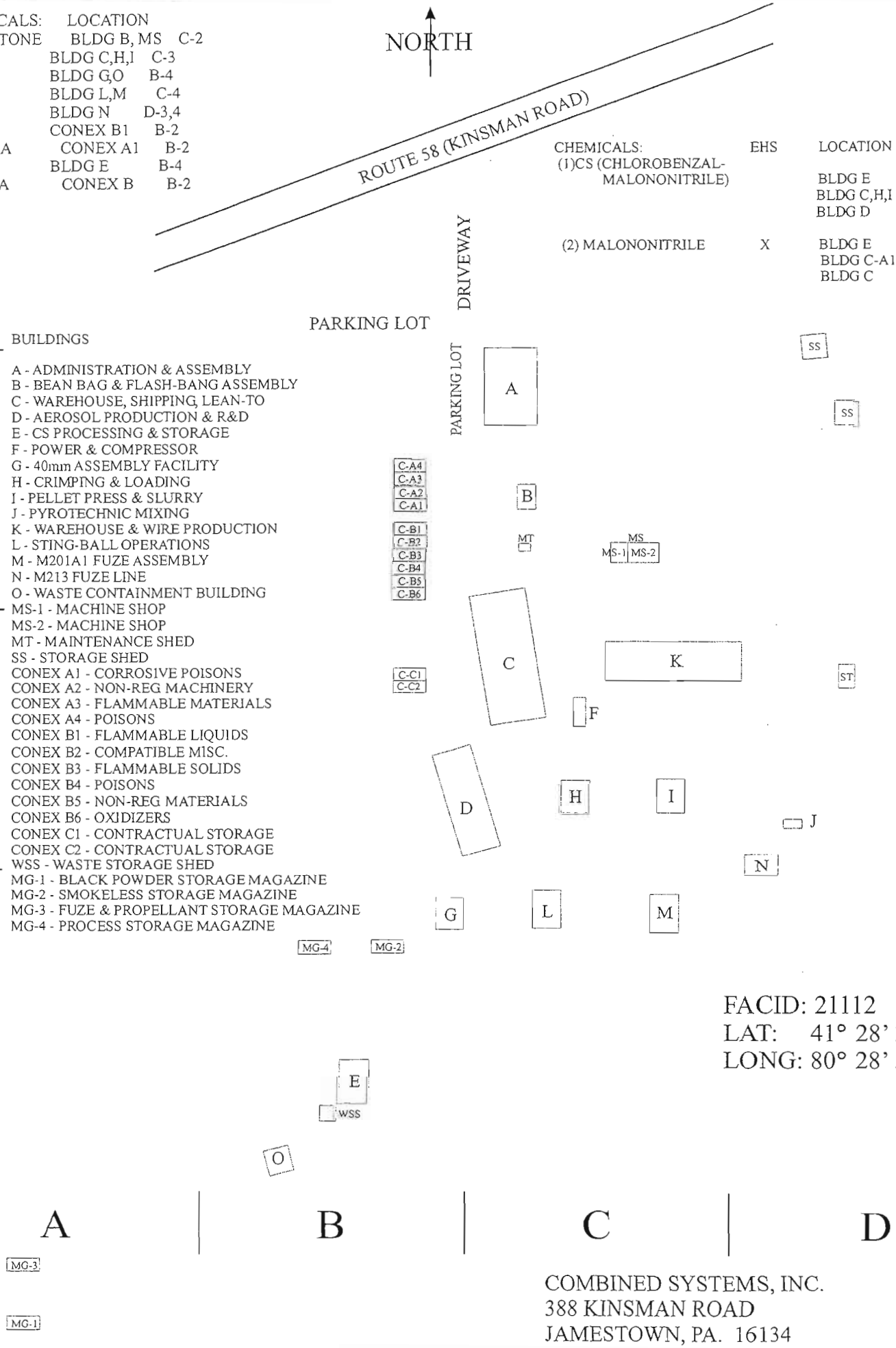
CHEMICALS:	EHS	LOCATION	
(1)CS (CHLOROBENZAL-MALONONITRILE)		BLDG E	B-4
		BLDG C,H,I	C-3
		BLDG D	C-3
(2) MALONONITRILE	X	BLDG E	B-4
		BLDG C-A1	B-2
		BLDG C	C-3

BUILDINGS

A - ADMINISTRATION & ASSEMBLY
B - BEAN BAG & FLASH-BANG ASSEMBLY
C - WAREHOUSE, SHIPPING, LEAN-TO
D - AEROSOL PRODUCTION & R&D
E - CS PROCESSING & STORAGE
F - POWER & COMPRESSOR
G - 40mm ASSEMBLY FACILITY
H - CRIMPING & LOADING
I - PELLET PRESS & SLURRY
J - PYROTECHNIC MIXING
K - WAREHOUSE & WIRE PRODUCTION
L - STING-BALL OPERATIONS
M - M201A1 FUZE ASSEMBLY
N - M213 FUZE LINE
O - WASTE CONTAINMENT BUILDING

MS-1 - MACHINE SHOP
MS-2 - MACHINE SHOP
MT - MAINTENANCE SHED
SS - STORAGE SHED
CONEX A1 - CORROSIVE POISONS
CONEX A2 - NON-REG MACHINERY
CONEX A3 - FLAMMABLE MATERIALS
CONEX A4 - POISONS
CONEX B1 - FLAMMABLE LIQUIDS
CONEX B2 - COMPATIBLE MISC.
CONEX B3 - FLAMMABLE SOLIDS
CONEX B4 - POISONS
CONEX B5 - NON-REG MATERIALS
CONEX B6 - OXIDIZERS
CONEX C1 - CONTRACTUAL STORAGE
CONEX C2 - CONTRACTUAL STORAGE

WSS - WASTE STORAGE SHED
MG-1 - BLACK POWDER STORAGE MAGAZINE
MG-2 - SMOKELESS STORAGE MAGAZINE
MG-3 - FUZE & PROPELLANT STORAGE MAGAZINE
MG-4 - PROCESS STORAGE MAGAZINE



FACID: 21112
LAT: 41° 28' 39"
LONG: 80° 28' 55"

COMBINED SYSTEMS, INC.
388 KINSMAN ROAD
JAMESTOWN, PA. 16134