ThermalKEM *An American NuKEM Company*

ThermalKEM Inc.
454 S. Anderson Road, BTC 532
Rock Hill, SC 29730
803/329-9690

Date: February 23, 1990

Mr. Dwayne Harrington
USEPA Reg. II/Syndote
Woodbridge Ave.
Edison, NJ 08837

Re: ST # 6-0982

Generator: USEPA Reg.II/Syndote

Broker: S&D Engineering

Approved for receipt at ThermalKEM

after: February 20, 1990

The South Carolina Department of Health and Environmental Control requires that TSD facilities return to the generator and/or broker a signed copy of the Authorization Request Form (ARF) for all waste streams accepted for treatment, storage, or disposal. Attached to this letter is a copy of the ARF for your records.

ThermalKEM, Inc.

Attachment

268868

WASTE CHARACTERIZATION FORM

Authorization Number: ST - 00006 - 0982

RECEIVED FEB 1 6 1990

NOTE: All items should be accurately completed to assure you obtain the most rapid waste approval.

PEEL OFF LABEL
PLACE ON SAMPLE CONTAINER

Authorization Number: ST - 00006 - 0982

1 Generator Information:

Generator Name: ~~Synkote Paint Company/USEPA Region II~~ USEPA Reg. II / SynKote Paint

Generator US EPA ID # NJD001394040

Address 144-160 Van Riper Avenue USEPA Reg. II/Woodbridge Ave., Edison, NJ 08837 City Elmwood PARK State NJ Zip Code 07407

Official Contact D. Harrington Title O.S.C. Telephone (201) 906-6899 SC County (For In-State Generato

2 Broker Information:

Name: S & D Engineering Official Contact: George Press Telephone: (201) 549-8778

Address: ~~173 Essex Avenue~~ 2 Gourmet Lane City: ~~Metuchen~~ Edison State: NJ Zip: ~~08840~~ 08

3 General Waste Information:

DOT Shipping Name: VARIES (See Attached) DOT Hazard Class: UN/NA #

4 Physical State:

☐ Powder ☐ Paste ☐ Solid ☐ Liquid ☐ Slurry ☐ Resins ☐ Aerosols ☒ Lab Pack ☐ Gas (Cylinder) ☐ Other:

5 Inorganics Present:

Total Fluorine — % Total Bromine — % Cyanide — %

Nitric Acid — % Chromic Acid — % Sulfur — %

Sodium Hydroxide — % Potassium Hydroxide — %

6 Organics Present:

PCB <2 ppm

Dioxins — ppm

Furans — ppm

7 Reactivity:

Is waste reactive under 40 CFR 261.23? ☐ Yes

8 Carcinogens: Circle if present: arsenic, asbestos, benzene, benzidene, beryllium, bis (chloromethyl) ether, diethylstilbesterol, 2-naphthylamine, nickel, vinyl ch chromium (VI), acrylonitril, cylcophosphamide, 1, 2,-diphenyl hydrazine, ethylene oxide, melphalan.

9 Biological, Pathological or Etiological Materials: List any present: None

10 Authorization To Correct ARF:

I authorize ThermalKEM to make corrections to the attached Authorization Request Form, such corrections being consistent with the results of sample characterization and/or regulatory requirements of South Carolina DHEC. I understand that a corrected copy will be sent to me.

Signature: [signature] Title: USEPA-OSC Date: 2/6/90

11 Certification For Non-Hazardous Waste:

I certify that to the best of my knowledge the information provided hereon is correct, and the waste is non-hazardous by RCRA definition. Non-hazardous wastes do not require shipment approval by South Carolina Department of Solid and Hazardous Waste.

Signature: Title: Date:

12 American NuKEM Representative: D. Jones Code:

☒ Rock Hill, SC (803) 329-9690 ☐ Paramus, NJ (201) 262-3440 ☐ Southfield, MI (313

13 To Be Completed by ThermalKEM

Toxicity Rating:

Ingestion — Inhalation — Skin Absorption —

Hazard Rating:

Health — Flammability — Reactivity —

Special

AUTHORIZATION REQUEST FORM

Lab-Packs

1 ___ Amendment X New

South Carolina Department of Health and Environmental Control
Bureau of Solid and Hazardous Waste (803) 734-5200

2 ___ Landfill ___ Reclaim
___ Recycle X Incinerate
___ Landfarm ___ Energy Recovery
___ Other ___

3 **Authorization Number:** ST - 00006 - 0982 ← To be entered by TSD Facility S+D Eng

4 **Generator Information:**

Generator ID # NJD001394040 Name ~~Synkote Paint Company / USEPA Region II~~ USEPA Reg. II / SynKote Paint

Address 144-160 Van Riper Avenue City Elmwood PARK State NJ Zip Code 07407

USEPA Reg. II/Woodbridge Ave., Edison, NJ 08837

Official Contact D. Harrington Title O.S.C. Telephone (201) 906-6899

SC County (For In-State Generator Only)

5 **Treatment, Storage, or Disposal Facility Information:**

Facility EPA ID # SCDO 44442333 Name ***ThermalKEM Inc.***

6 ___ Line # (This line # will **always** represent this specific waste stream.)

PACKAGED LAB Chemicals + Debris

7 **Description of Hazardous Waste**

6666 D001 D002 ___ ___

8 **EPA/DHEC Waste Codes**

9 **DOT Hazard Class** 22

10 **Process Producing Waste:** USEPA Region II Super Fund Clean-Up

11 **Enter Quarter for One-Time Disposal:** ___ / ___ Qtr/yr.

If Multiple Shipments Enter Frequency Here: ~~2~~ one times/yr.

12 **Handling Method:** T09

13 **Volume:** (lbs/yr. only) 2,000

14 **Physical State of Waste @ 70°F**
1. ___ solid 2. ___ liquid 3. X N/A

15 **Flash Point (cc)**
1. X N/A 2. ___ <60°F 3. ___ 60–140°F 4. ___ >140°F

For DHEC use only:

Date Received: ___ ___ ___

Note: ___

DHEC 1969 REV. (8/86)

AUTHORIZATION REQUEST FORM (con't)

Facility Use Only:

16 Packaging for Shipment: [X] in Drums (size) [30] [ ] in Bulk [ ] Other

17 Method of Transportation: [ ] Railroad tanker [X] Truck [ ] Other [ ] **18 Specific Gravity:** [N/A]

19 Viscosity @ 70°F: [ ] Low [ ] Medium [ ] High **20 Layering:** [ ] None [ ] Bilayered [ ] Multilayered

21 Suspended Solids: % by weight or volume. Specify exact % [NA] **22 Dissolved Solids:** by % weight. Specify exact % [NA]

23 Thousands of Btu's/lbs. Specify: [ ] **24 Organically Bound Sulfur** (wt %): [ ] **25 Organically Bound Chloride:** [N/A]

26 Organically Bound Nitrogen (wt %): [ ] **27 Toxicity:** [ ] High [ ] Medium [ ] Low [N/A] Unknown **28 Ash %:** [N/A]

29 Affinity for Water: [ ] Hydrophilic [ ] Lipophilic **30 pH** (if hydrophilic): [ ]

31 Visual Description of Waste: Packaged Lab Chemicals in 30 gal. Fiber Drums

32 Constituents: List specific constituents by name and corresponding percentage in waste stream.

Volatile Organics	%	Non Volatile Organics	%	Acid or Alkalis	%	Salts & Inorganics	%

See Attached

Water: _____ %

AUTHORIZATION REQUEST FORM (con't)

33 Metallic: (total metals not EP Toxicity Test)

As	NA ppm	Cr_{+3}	NA ppm	Ag	NA ppm	Fe	NA ppm
Ba	___ ppm	Cr^{+6}	___ ppm	Ni	___ ppm	Sb	___ ppm
Cd	___ ppm	Hg	___ ppm	Cu	___ ppm	Mn	___ ppm
Pb	___ ppm	Se	___ ppm	Ti	___ ppm	Co	___ ppm
Zn	___ ppm	Be	___ ppm	Na	___ ppm	Tl	___ ppm

Toxics

Cyanide	NA ppm
Pesticides	___ ppm
Carcinogens	___ ppm
Other Toxics	___ ppm

Other Information: See Packing Slips Attached

34 Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: Dwayne Harrington **Date Submitted:** 2/9/90

Print Name: DWAYNE M. HARRINGTON **Title:** USEPA - OSC

35 TSD Facility Certification:

I certify that based on the information presented in this document this facility is permitted to accept the waste stream described hereon, and do hereby inform the generator listed hereon of acceptance of the waste for treatment, storage, and/or disposal in the manner designated, and in compliance with the TSD Facility's standard terms and conditions.

Signature: Jonna A. Romeo **Date Submitted:** 2/19/90

Print Name: JONNA ROMEO **Title:** WASTE APPROVAL SUPERVISOR