FEB 21 1980 DPM 5254

MATERIAL SAFETY DATA SHEET

(Approved by U. S. Department of Labor "Essentially Similar" to Form OSHA-20)

I. Manufacturer's Name: AMCHEM PRODUCTS, INC.

Address (number, street): Brookside Avenue

(City, state, zip code): Ambler, PA 19002

Emergency Telephone Number:

Information Supplied by:

Date: Title:

Product Trade Name: DEOXIDIZER #7 Make-Up

Chemical Name & Synonyms:

Chemical Family: Formula:

National Fire Protection Association 704M Signal (or estimate)

Health ___ Fire ___ Reactivity ___ Specific Hazard ___

II. HAZARDOUS INGREDIENTS

MATERIAL	%	TLV (Units)	MATERIAL	%	TLV (Units)
Potassium dichromate (ORM-A)	70-75		Common salts	1	
Fluoride salts	5-7		Potassium nitrate (OXIDIZER)	15-20	

III. PHYSICAL DATA

a. Boiling point (°F):

b. Vapor pressure (mm Hg):

c. Vapor density (Air = 1):

d. Solubility in water (%): very

e. Specific gravity (H_2O = 1):

f. Per cent volatile by volume:

g. Evaporation rate (___ = 1):

h. Appearance & odor: orange powder - slight acidic odor

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IV. FIRE AND EXPLOSION HAZARD DATA

a. Flash point (state method, °F):

b. Ignition temperature (°F):

c. Flammable limits in air, LEL ___ UEL ___

d. Extinguishing media:

e. Special fire fighting procedures: Do not allow powder to come in contact with organic materials

f. Unusual fire and explosion hazards: such as sawdust, paper, etc.

V. HEALTH HAZARD DATA

a. Physiological Properties:

1. Acute oral toxicity (LD_{50} if available):
2. Local effects to eyes:
3. Local effects to skin: Ulceration of skin.
4. Sensitizing effects:
5. Dermal absorption (LD_{50} if available):
6. Inhalation effects (LC_{50} if available): Ulceration of mucous membranes.

[illegible] ^{3} [illegible] 0.05 ppm (water) based on Cr^{+6}

BOE-C6-0202133

Product Name DEOXIDIZER #7 Make-Up

b. Emergency and First Aid Procedures:

1. Ingestion: Dilute by giving several glasses of water or milk. Call a doctor.
2. Eye Contact: Flush with large amounts of water. Call a doctor.
3. Skin Contact: Wash thoroughly with soap and water immediately.
4. Inhalation:

Other Health Data:

I. REACTIVITY DATA

a. Stability: Stable X Unstable ____ Conditions to avoid:

Incompatible Materials: Strong reducing agents.

c. Hazardous Decomposition Products: hydrofluoric acid

d. Hazardous Polymerization: May occur ____ Will not occur X Conditions to avoid:

I. SPILL OR LEAK PROCEDURES

a. Steps to be taken for spill or leak: Transfer contents to a clean lined polyethylene drum. Discard broken container after rinsing with water.

b. Waste disposal methods: Reduce with bisulfite and then neutralize with lime.

II. SPECIAL PROTECTION INFORMATION

a. Respiratory protection (Specify type) requirements:

b. Ventilation requirements (local exhaust, general dilution, special): Local

Protective gloves required: Rubber

d. Eye protection required: Goggles, face shield

e. Other required equipment: Aprons

X. SPECIAL PRECAUTIONS

a. Precautionary label required? If yes, please attach.

b. Precautions to be taken in handling and storing: Do not allow organic materials such as sawdust, rags, etc., to become saturated with Deoxidizer #7, as they may be easily ignited when dry.

c. Other precautions:

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