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MATERIAL SAFETY DATA SHEET



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Rochester NY 14621
Information: 716-336-2200

Emergency Phone:
INFOTRAC: 1-800-535-5053
OUTSIDE US: 1-352-323-3500

PRODUCT NAME: THERMO-SEAL, Ultra High Gloss Sealer

REVISION DATE: 07/06/2000 REVISION NUMBER: 1
DATE PRINTED: 07/25/2001 PREPARED BY: Walter Friedlander

1. CHEMICAL PRODUCT

MSDS FORM NUMBER: 7090
NFPA/HMIS HAZARD CODES (minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health: 1/1
Fire: 0/0
Reactivity: 0/0
Special/Protective None/B
Equipment:

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components

PRODUCT COMPOSITION CAS REGISTRATION NO.	APPROX. WEIGHT PERCENT	ACGIH TLV	ACGIH UNIT	OSHA PEL	OSHA UNIT
Acrylic polymer MIXTURE	10 - 20	NA	NA	NA	NA
Diethylene glycol ethyl ether 111-90-0	3.6	NA	NA	NA	NA
Polyethylene 9002-88-4	3 max.	NA	NA	NA	NA
Tributoxy ethyl phosphate 78-51-3	2 max.	NA	NA	NA	NA
Ethylene glycol 107-21-1	1.5	100	mg/M3 (ceiling)	NA	NA

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3. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (F): 212 F (C) NA
VAPOR PRESSURE: 15.7 mm Hg @ 22.2 C
VAPOR DENSITY (AIR=1): 0.625
Solubility in Water: COMPLETE
SPECIFIC GRAVITY: 1.03 +/- 0.005 @ 70 F
VOC Content (%): 80 min.
EVAPORATION RATE: (BuAc = 1) : 1.26
PH: 9.0 +/- 0.5
Appearance and Odor: White. Liquid. Mild odor.

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4. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (F): None (C): NA

METHOD: None

EXTINGUISHING MEDIA: As appropriate for surrounding fire-product is mostly water and will not burn.

FIRE FIGHTING PROCEDURES: Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires.

5. STABILITY AND REACTIVITY

STABILITY DATA: STABLE

POLYMERIZATION: Will Not Occur.

HAZARDOUS DECOMPOSITION: If evaporated to dryness, as in a fire, may release: Oxides of Carbon. Oxides of Nitrogen.

INCOMPATIBILITY (MATERIALS TO AVOID): None

CONDITIONS/HAZARDS TO AVOID: Product coagulates when mixed with salt or acid solutions.

6. HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION:

May cause irritation, nausea, vomiting, and kidney damage if swallowed in large amounts.

SKIN CONTACT:

Repeated or prolonged contact may irritate moderately.

INHALATION:

Causes mild respiratory irritation. Excessive inhalation causes headache, dizziness, nausea and incoordination.

EYE CONTACT:

May cause mild eye irritation.

CHRONIC EFFECTS:

None expected in normal use.

EFFECTS/CARCINOGENICITY:

None listed under OSHA, IARC, or NTP.

ROUTES OF ENTRY:

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

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EMERGENCY AND FIRST AID MEASURES:

INGESTION: Drink several glasses of water or milk. Contact physician if irritation persists. Never give anything by mouth to an unconscious person. **SKIN:** Rinse thoroughly with water. **INHALATION:** Move person to fresh air. Aid breathing if necessary. **EYES:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

NOTES TO PHYSICIAN: None.

7. HANDLING AND STORAGE

SPILL PROCEDURES:

SMALL SPILLS: Mop up all possible. Rinse down drain.

LARGE SPILLS: Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Flush remainder with water.

WASTE DISPOSAL METHODS:

Dispose in accordance with Federal, State and Local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Caution: Avoid contact with eyes, skin and clothing. Do not breathe mist or vapors. Use only with adequate ventilation. Keep from freezing.

OTHER PRECAUTIONS:

Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE CONTROLS:

None known.

RESPIRATORY PROTECTION:

None normally required. Above TLV use NIOSH approved respirator or breathing apparatus.

PROTECTIVE GLOVES:

Neoprene. Rubber gloves. Vinyl gloves.

EYE PROTECTION:

Goggles.

OTHER PERSONAL PROTECTION

Appropriate protective clothing as needed to prevent skin contact.

EQUIPMENT:

VENTILATION:

General mechanical or local exhaust as needed to maintain exposure below TLV or PEL.

Health and safety information presented on this form is generally applicable at recommended dilutions, varying only in degree. This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

***** END OF MSDS *****