

## MATERIAL SAFETY DATA SHEET

REVISION DATE: 10/28/2008 REVISION NUMBER: 4

DATE PRINTED: 11/11/2008 PREPARED BY: Walter Friedlander

1. CHEMICAL PRODUCT

PRODUCT NAME: THERMO-STRIP, Floor Finish Remover

PRODUCT CODE: 120226

NFPA/HMIS HAZARD CODES(minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health:3/3Fire:0/0Reactivity:1/1Special/Protective Equipment:ALK/C

NAME OF THE Rochester Midland Corporation Information: 585-336-2200

**MANUFACTURER:** 333 Hollenbeck Street Emergency Phone:

Rochester, New York 14621 INFOTRAC: 1-800-535-5053 OUTSIDE US: 1-352-323-3500

#### 2. HAZARDS IDENTIFICATION

#### **EFFECTS FROM ACUTE EXPOSURE:**

**INGESTION:** May cause burns to mucous membranes of mouth, throat, and digestive tract. Causes

vomiting, nausea, and diarrhea.

**SKIN CONTACT:** Causes skin burns which may not be immediately painful or visible.

**INHALATION:** Inhalation of spray mists irritating to nose and throat; possible nausea, dizziness. Possible

tissue damage.

**EYE CONTACT:** Causes severe eye burns. May cause permanent eye damage. May cause blindness.

**CHRONIC EFFECTS:** Dermatitis. Possible respiratory damage from inhalation of dust or mist.

**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.

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| PRODUCT COMPOSITION CAS#                  | %       | ACGIH TLV | OSHA PELS        |
|---|---------|-----------|------------------|
| POTASSIUM HYDROXIDE<br>1310-58-3          | 10 max. | NA        | NA               |
| Potassium silicate<br>1312-76-1           | 5 max.  | NA        | NA               |
| Ethanolamine<br>141-43-5                  | 5 max.  | 3 ppm     | 3 ppm<br>6 mg/m³ |
| Propylene glycol methyl ether<br>107-98-2 | 6 max.  | 100 ppm   | NA               |

#### 4. FIRST AID MEASURES

**INGESTION:** Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical

attention. Never give anything by mouth to an unconscious person.

**SKIN:** Flush with water for at least 15 minutes while removing all contaminated clothing and shoes.

Continue rinsing until "slippery" feeling is gone. Get medical attention if irritation or burns

develop.

**INHALATION:** If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-

mouth. If breathing is difficult give oxygen. Get medical attention.

**EYES:** Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate

medical attention.

FIRST AID MEASURES

NOTES TO PHYSICIAN: None.

FIRE AND EXPLOSION HAZARD DATA

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

**METHOD:** None

FLAMMABLE LIMITS IN AIR

- LOWER (%): NA - UPPER (%): NA

SENSITIVITY TO MECHANICAL IMPACT(Y/N): NO

**SENSITIVITY TO STATIC DISCHARGE:** Sensitivity to static discharge is not expected.

**SUITABLE EXTINGUISHING MEDIA:** As appropriate for surrounding fire-product is mostly water and will

not burn.

FIRE FIGHTING PROCEDURES: Corrosive material. Avoid exposure to mist and splashes. Fire-

> fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Cool exposed

containers with water spray.

### **ACCIDENTAL RELEASE MEASURES**

**SPILL PROCEDURES:** 

SMALL SPILLS: Flush residue with water. Mop up all possible.

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

remainder with water.

**PERSONAL PRECAUTIONS:** NA **ENVIRONMENTAL PRECAUTIONS:** NA **METHODS FOR CLEANING UP:** NA

#### HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: DANGER: Concentrated, corrosive liquid. Avoid contact with eyes, skin and clothing. Do not breathe mist or vapors. Store only in original container and keep closed. Store in a cool, dry

area. Store in a well ventilated area. Keep from freezing.

OTHER PRECAUTIONS: Empty containers may retain product residue, follow MSDS/label precautions even after

container is emptied. Do not reuse container. Contact with certain food sugars can release hazardous amounts of carbon monoxide gas in enclosed vessels. POTASSIUM HYDROXIDE, A CAUSTIC INGREDIENT, CAN CAUSE SEVERE AND PERMANENT DAMAGE TO ALL

LIVING TISSUE IF NOT QUICKLY REMOVED. Read and follow label instructions.

SPECIFIC USE(S): NA

#### **EXPOSURE CONTROLS/PERSONAL PROTECTION**

### PROTECTIVE EQUIPMENT:

**EXPOSURE CONTROLS:** Use in a well ventilated area.

RESPIRATORY PROTECTION: Not normally required. If product is used in a manner which creates dust or mist above

recommended exposure limits, a NIOSH/MSHA approved respirator with dust/mist filter may be

needed in the absence of proper environmental controls.

**PROTECTIVE GLOVES:** Rubber or plastic gloves recommended to minimize skin contact.

**EYE PROTECTION:** 

**EQUIPMENT:** 

Goggles. Face shield.

OTHER PERSONAL PROTECTION

Appropriate protective clothing as needed to prevent skin contact. Rubber boots. Eyewash fountains and safety showers must be easily accessible. Liquid may penetrate leather shoes

and cause delayed burns.

**VENTILATION:** General mechanical and/or local exhaust as needed to meet exposure limits if mist in air.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Mild odor. Orange liquid.

BOILING POINT (F): 212 F approx. (C) NA

VAPOR PRESSURE: Not Determined VAPOR DENSITY (AIR=1): Not Determined Not Determined

SOLUBILITY IN WATER: NA
SPECIFIC GRAVITY: 1.100
VOC Content (%): NE
VOV Content (%): NE

**EVAPORATION RATE:** Not Determined

**PH**: > 14

## 10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE POLYMERIZATION: Will Not Occur.

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

Sulfur. Oxides of Nitrogen.

**INCOMPATIBILITY (MATERIALS TO** Do not mix with acidic materials. Neutralizes active ingredients.

AVOID):

CONDITIONS/HAZARDS TO AVOID: None.

#### 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: NE
EFFECTS OF CHRONIC EXPOSURE: NE
OTHER TOXIC EFFECTS: NE

#### 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL** No data at this time **INFORMATION:** 

**CHEMICAL FATE INFORMATION:** No data at this time.

MOBILITY: NA
PERSISTENCE/DEGRADABILITY: NA
BIOACCUMULATIVE POTENTIAL: NA
OTHER ADVERSE EFFECTS: NA

## 13. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHODS:** Dispose in accordance with Federal, State and Local regulations.

#### 14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/Receiving documents for up to date shipping information.

## 15. REGULATORY INFORMATION

| 5. REGULATORY INFORMATION              |         |        |         |             |             |
|--|---------|--------|---------|-------------|-------------|
| PRODUCT COMPOSITION<br>CAS#            | %       | TSCA:  | EINECS: | Canada DSL: | CA PROP 65: |
| POTASSIUM HYDROXIDE<br>1310-58-3       | 10 max. | Listed | Listed  | Listed      | Not Listed  |
| Potassium silicate<br>1312-76-1        | 5 max.  | Listed | Listed  | Listed      | Not Listed  |
| Ethanolamine<br>141-43-5               | 5 max.  | Listed | Listed  | Listed      | Not Listed  |
| Propylene glycol methyl ether 107-98-2 | 6 max.  | Listed | Listed  | Listed      | Not Listed  |

| PRODUCT COMPOSITION<br>CAS#            | %       | CERCLA:           | SARA 302:  | SARA 313:  |
|--|---------|-------------------|------------|------------|
| POTASSIUM HYDROXIDE<br>1310-58-3       | 10 max. | 1000 lb<br>454 kg | Not Listed | Not Listed |
| Potassium silicate<br>1312-76-1        | 5 max.  | Not Listed        | Not Listed | Not Listed |
| Ethanolamine<br>141-43-5               | 5 max.  | Not Listed        | Not Listed | Not Listed |
| Propylene glycol methyl ether 107-98-2 | 6 max.  | Not Listed        | Not Listed | Not Listed |

| PRODUCT COMPOSITION CAS#               | %       | Canada WHMIS: |
|--|---------|---------------|
| POTASSIUM HYDROXIDE<br>1310-58-3       | 10 max. | Listed        |
| Ethanolamine<br>141-43-5               | 5 max.  | Listed        |
| Propylene glycol methyl ether 107-98-2 | 6 max.  | Listed        |

The following components of this material are included in the Massachusetts Substance List and are present at or above reportable levels.

| PRODUCT COMPOSITION           | %       | MARTK: |
|-------------------------------|---------|--------|
| CAS#                          |         |        |
| POTASSIUM HYDROXIDE           | 10 max. | Listed |
| 1310-58-3                     |         |        |
| Ethanolamine                  | 5 max.  | Listed |
| 141-43-5                      |         |        |
| Propylene glycol methyl ether | 6 max.  | Listed |
| 107-98-2                      |         |        |

The following components of this material are included in the New Jersey Substance List and are present at or above reportable levels.

| PRODUCT COMPOSITION CAS#               | %       | NJRTK: |
|--|---------|--------|
| POTASSIUM HYDROXIDE<br>1310-58-3       | 10 max. | Listed |
| Ethanolamine<br>141-43-5               | 5 max.  | Listed |
| Propylene glycol methyl ether 107-98-2 | 6 max.  | Listed |

The following components of this material are included in the Pennsylvania Substance List and are present at or above reportable levels.

| PRODUCT COMPOSITION<br>CAS#               | %       | PARTK: |
|---|---------|--------|
| POTASSIUM HYDROXIDE<br>1310-58-3          | 10 max. | Listed |
| Ethanolamine<br>141-43-5                  | 5 max.  | Listed |
| Propylene glycol methyl ether<br>107-98-2 | 6 max.  | Listed |

## **16. OTHER INFORMATION**

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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 \*\*\*