



Material Safety Data Sheet: Haze Remover HR 2800

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1 - MATERIAL IDENTIFICATION

Product Name: HAZE REMOVER

Product Number: HR 2800

Date: 10/24/03

Manufacturer: RhinoTech, Inc.

Chemical family: Liquid, mixture

Material Use of Occurrence: Screen Print Ghost/haze remover

HMIS Hazard Ratings:

Health: 3 0 = None

Fire: 0 1 = Slight

Reactivity: 2 2 = Moderate

Special: B 3 = Serious

4 = Severe

2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA /PEL	ACGIH/TLV	OSHA Hazard
Caustic Soda, Sodium Hydroxide Corrosive	1310-73-2	2mg/m3		2mg/m3
Glycol Ether	proprietary	25mg/m3	25mg/m3	eye

3 - CHEMICAL AND PHYSICAL PROPERTIES

Boiling Point: 200F

Specific Gravity: 1.25

Vapor Pressure: NA

Melting Point: NA

Vapor Density (air = 1): NA

Evaporation Rate (butyl acetate = 1): NA

Solubility in Water: Complete

Appearance and Odor: Brown liquid with characteristic odor

pH : 14 in aqueous solution

VOC content: Contains 662 g/l or 5.5 lb/gal as per Rule 443.1 of California SCAQMD

4 - FIRE AND EXPLOSION DATA

Flash Point: >200F

Flammable Limits: LEL: NA UEL: NA

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

Extinguishing Media: As Appropriate for Surrounding Fire; Water Spray, ATC Foam, Carbon Dioxide, Dry Chemical

5 - REACTIVITY INFORMATION

Stable: YES Unstable:

Hazardous Polymerization Occurs: Does Not: X

Incompatibility: Avoid prolonged contact with tin, lead & zinc as flammable hydrogen gas is evolved.

Hazardous Decomposition Products: CO₂, CO, HCL, NO_x, Hydrocarbons

6 - Health Hazard Data

Inhalation:

Repeated or excessive inhalation of dust, mist or spray can cause irritation and damage to respiratory tissues.

Skin:

Skin contact with product may cause severe irritation burns

Eyes:

Eye contact with product may cause severe irritation burns

Ingestion:

Ingestion may cause burns chest pain, nausea, vomiting, pain and/or excess fluid retention.

7 - Emergency and First Aid ProceduresInhalation:

Remove to fresh air. Use artificial respiration and oxygen if needed.

If irritation persists, seek medical attention.

Skin:

Flush with large amounts of water. If irritation persists, seek medical attention.

Eyes:

Flush with water for 15 minutes while holding eyelids open. Get medical attention promptly.

Ingestion:

If swallowed, do not induce vomiting. Rinse mouth with water. Dilute stomach contents by drinking water.

If vomiting occurs spontaneously, keep head below hips to prevent breathing vomit into lungs.

Call physician immediately. Never give anything by mouth to an unconscious person.

8 - Special Protection InformationRespiratory Protection:

Use NIOSH approved equipment suitable for nuisance dust when airborne exposure is excessive.

Provide ventilation to minimize exposure.

Protective Clothing:

Eyes: Wear splash proof goggles where exposure is possible.

Skin: Wear chemical resistant gloves, boots and clothing. Have convenient safety showers.

9 - Precautions for Safe Handling and UseSteps to Be Taken in Case Material is Released or Spilled:

Do not allow escape into natural water or sanitary sewers. Absorb liquid material with inert absorbent and shovel

into containers

Waste Disposal Method:

Dispose of in accordance with local, state and federal authorities.

Precautions to Be Taken in Handling and Storing:

Keep containers closed tightly. **Keep out of reach of children**

10 - Regulatory and D.O.T. Shipping Information

Proper Shipping Name USA & INT'L: Corrosive Liquid, Basic, Inorganic, NOS,
(Sodium Hydroxide) UN 3266 - Pkg III

Hazard Class: 8

ID Number: UN 3266

Label Requirements: Corrosive

Reportable Quantity: None

SARA, Title III: Reportable for Section 313 (form R): None

Canada EPA DSL Inventory: Consult RhinoTech, Inc. regarding status of ingredients.

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