



MATERIAL SAFETY DATA SHEET

Information Telephone Number (973) 772-5252

ALL CHEMICAL EMERGENCIES

1-800-424-9300 - USA

1-703-527-3887 - International

Issue Date: 7/2003

Page 1

SECTION I - PRODUCT IDENTIFICATION

Product Code: URESTONE PART B
Trade Name: **URESTONE**
Product Class: Urethane Intermediate
C.A.S. Number: 9049-71-2/25791-96-2
HMIS Rating: Health = 1 Fire = 0 Reactivity = 0

SECTION II - INGREDIENTS

Ingredients	CAS#	Max. Content	Exposure Limits
Nepheline Syenite	37244-96-5	30-70%	None Established
Polyether polyol	9049-71-2	35-15%	None established
Polyether polyol	25791-96-2	35-15%	None established

SECTION III - PHYSICAL DATA

pH: 25°C: 5-7 (10/6 Isopropanol/Water) Volatile % by volume: 0-1
Specific Gravity: 1.7 Vapor Density: Heavier than air
Evaporation Rate: No Data
Appearance & Odor: Clear colorless liquid, odorless to slightly musty
Solubility in water: Soluble
Decomposition Temperature: No Data

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammability Class: Non-Flammable Flash Point: 370-440°F
Auto Ignition Temp: 1022°F (550°C) (187-229°C)
Pyrophoric: No

- EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, water spray
- SPECIAL FIRE FIGHTING PROCEDURE: Not Applicable

SECTION V - HEALTH HAZARD DATA

-ROUTES OF ABSORPTION: Inhalation, oral ingestion.

- EFFECTS OF OVEREXPOSURE:

SKIN: Acute: No significant adverse effects to health will occur from dermal contact. Chronic: There are no known or reported effects from chronic exposure.

EYES: Vapor and liquid are irritating to the eyes.

INHALATION: Acute: No significant adverse effects to health will occur from inhalation. Chronic: There are no known or reported effects from chronic exposure.

INGESTION: Acute: Ingestion may cause gastrointestinal discomfort with any or all of the following symptoms: nausea, vomiting, lethargy or diarrhea. Chronic: There are no known or reported effects from chronic exposure except for effects similar to those experienced from single exposure.

- FIRST AID:

SKIN: Not a skin irritant. Washing any substance off the skin with water is good safety practice.

EYES: Flush with copious amounts of water for 15 minutes. If irritation develops, seek medical aid.

INHALATION: Remove victim from exposure. If victim is unconscious, administer artificial respiration and/or oxygen as needed. Seek medical aid.

INGESTION: Immediately drink large quantities of water. Induce vomiting. Call a physician at once. DO NOT give anything by mouth if the person is unconscious or if having convulsions.

SECTION VI - REACTIVITY DATA

- STABILITY:

Unstable Stable

- HAZARDOUS POLYMERIZATION:

May occur May NOT occur

- INCOMPATIBILITY:

Will react w/active hydrogens, such as water, alcohol, ammonia,

amines

alkalies & acids. The reaction w/water is very slow under 50°C, but is

accelerated at higher temperatures and in the presence of alkalies, tertiary

- CONDITIONS TO AVOID:

Heat and direct sunlight.

- HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon monoxide, carbon dioxide

SECTION VII - SPILL OR LEAK PROCEDURES

- STEPS TO TAKE IN CASE MATERIAL IS RELEASED OR SPILLED:

Water release - this material is heavier than water. Create an overflow dike to contain material and divert any additional flow if able. Remove via vacuum system and/or absorption and containerize.

Land spill - Dike spill materials with a compatible absorbent such as sand, clay, or saw dust. Begin absorbing spill materials as soon as possible if recovery is not possible. Containerize as necessary and label.

- DISPOSAL METHOD:

If this product becomes a waste, it DOES NOT meet the criteria of a hazardous waste as defined under 40 CFR 261, in that it does not exhibit the characteristics of hazardous waster of Subpart C, nor is it listed as a hazardous waste of Subpart D.

As a nonhazardous liquid waste, it should be disposed of in accordance with local, state, and federal regulations by incineration.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Respiratory protection not normally needed since the volatility and toxicity are low. If vapors, mists, or aerosols are generated, wear a NIOSH/MSHA approved respirator.

- VENTILATION: Local exhaust ventilation is recommended if vapors, mists or aerosols are generated. Otherwise, use general exhaust ventilation.
- EYE PROTECTION: Wear safety glasses with side shields.

SECTION IX - SPECIAL PRECAUTIONS

- PRECAUTIONS TO BE TAKEN FOR HANDLING AND STORING: Avoid storage above 131°F (55°C).
- OTHER PRECAUTIONS: Product will absorb water vapor. Keep a dry air (dew point 40°F) or nitrogen atmosphere on storage vessel at all times.
- PRODUCT STABILITY & COMPATIBILITY: Incompatible materials for storage or transport: Recommend steel or lined steel (Amercoat#23 vinyl coating, 5 coat systems).

SECTION X - SUPPLEMENTAL INFORMATION

- REGULATORY INFORMATION: Superfund Amendments and Reauthorization Act Title III:
 - Hazard Categories, Per 40 CFR 370.2:
 - Health: None
 - Physical: None
 - Emergency Planning & Community Right to Know, PER 40 CFR 355, APP.A
 - Extremely Hazardous Substance - Threshold Planning Quantity: None Established
 - Supplier Notification Requirements, PER 40 CFR 372.45: None Established.

This information is furnished without warranty, representation, inducement or license of any kind, except that it is accurate to the best of Safas Corporation's knowledge or obtained from sources believed by Safas Corporation to be accurate. Safas Corporation does not assume any responsibility for use or reliance upon same. Customers are encouraged to conduct their own tests. BEFORE USING ANY PRODUCT, READ ITS LABEL.