

URECOAT

Material Safety Data Sheet

Section 1 • IDENTIFIERS

Hazard Rating: Health 2
Fire 0
Reactivity 0

Form Date: 7/23/97

Health or
Spill
Emergency: 800-679-1232

Components

Modified Urethane Hybrid Polymer	32 %
Water	59
Proprietary	9

Section 2 • EMERGENCY RESPONSE

First Aid Procedures

Inhalation: Move subject to fresh air.

Eye: Flush eyes with a large amount of water for at least 15 minutes. Consult a physician if irritation persists.

Skin: Wash affected skin areas thoroughly with soap and water. Consult a physician if irritation persists.

Ingestion: Contact physician at once.

Spill or Leak Handling

Personal Protection: Appropriate protective equipment must be worn when handling a spill of this material. See the Personal Protection Measures section for recommendations. If exposed to material during clean-up operations, see the First Aid Procedures section for actions to follow.

Procedures: Keep spectators away. Floor may be slippery; use care to avoid falling. Contain spills immediately with inert materials (sand, earth). Transfer liquids and solid diking material to separate, suitable containers for recovery or disposal. Caution: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Section 3 • HAZARD INFORMATION

The health effects of this product have not been tested. The following information is based on the hazards of its components.

Health Effects from Overexposure

Primary Routes of Exposure:

Inhalation
Eye Contact
Skin Contact

Inhalation: Inhalation of vapor or mist can cause the following: headache; nausea; irritation of nose, throat, and lungs; dizziness.

Eye Contact: Direct contact with material can cause the following: slight irritation.

Skin Contact: Prolonged or repeated skin contact can cause the following: slight skin irritation.

Fire and Explosive Properties

Flash Point: >212°F, >100°C T.C.C.

Reactivity Information

Instability: This material is considered stable. Coagulation may occur following freezing, thawing, or boiling.

Incompatibility: This product should not come in contact with mineral acids, i.e., sulfuric, phosphoric, etc., or alkalis, i.e., sodium or potassium hydroxide, etc.

Section 4 • ACCIDENT PREVENTION

Personal Protection Measures

Respiratory: None required under normal operating conditions. When mist occurs during spraying operations, wear a MSHA/NIOSH-approved, or equivalent, disposable, half-masks, dust/mist respirator.

Eye: Use chemical splash goggles, ANSI Z87.1 or approved equivalent.

Hand: Protect against permeation. Neoprene may not provide adequate protection

Storage Conditions

Keep from freezing; material may coagulate. The minimum recommended storage temperature is 1°C, 34°F. The maximum temperature for this material is 49°C, 120°F.

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Section 5 • SUPPLEMENTAL INFORMATION

Color:	Opaque
State:	Viscous Paste
Odor:	Ammoniacal
pH:	8.0–8.5
Viscosity:	120KU
Percent Solids:	34%
Specific Gravity:	1.1
Vapor Density:	Water Vapor
Vapor Pressure:	17 mm Hg @ 20°C, 68°F
Freezing Point:	0°C, 32°F
Boiling Point:	100°C, 212°F
Solubility in Water:	Dilutable
Percent Volatility:	59%

Toxicity

Acute Data: The information shown in the Health Effects from Overexposure section is based on the toxicity profiles for a number of acrylic emulsions that are compositionally similar to this product. Typical data are:

Oral LD50 - rat: >5000 mg/kg
 Dermal LD50 - rabbit: >5000 mg/kg
 Skin Irritation - rabbit: Practically non-irritating
 Eye Irritation - rabbit: Inconsequential irritation

Waste Disposal

Procedure: Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. Incinerate liquid and contaminated solids in accordance with local, state, and federal regulations.

Section 6 • REGULATORY INFORMATION**Workplace**

Classifications: None of the compounds used in this product is listed as a potential carcinogen by OSHA. This product is considered non-hazardous under the OSHA Hazard Communication Standard, 29CFR 1910.1200. This product is not a controlled product under the Canadian Workplace Hazardous Materials Information System, WHMIS.

Transportation

Classification: US DOT Hazard Class, Non-Regulated.

CERCLA**Information**

40CFR 302.4: Release of this material to air, land, or water is not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act, CERCLA, or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act, SARA, Title III Section 304.

RCRA

Information: When a decision is made to discard this material as supplied, it does not meet RCRA's characteristic definition of ignitability, corrosivity, or reactivity and is not listed in 40 CFR 261.33. The toxicity characteristic, TC, however, has not been evaluated by the Toxicity Characteristic Leaching procedure, TLCP.

The information contained herein relates only to the specific material identified. Demand Products, Inc., believes that such information is accurate and reliable as of the date of this Material Safety Data Sheet, but no representation, guarantee, or warranty, expressed or implied, is made as to the accuracy, reliability, or completeness of the information. Demand Products, Inc., urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular applications.

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