

GRANICRETE INTERNATIONAL, INC.

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MATERIAL SAFETY DATA SHEET

PREPARATION DATE: 03/28/10

I. PRODUCT IDENTIFICATION

PRODUCT NAME: SURE-RID SURFACE SEALER RESIN – PART B

II. HAZARDOUS INGREDIENTS

Ingredient Name	NJRTK#/CAS Number	Concentration(%)
WATER	7732-18-5	<60%
Proprietary Ingredients		<50%

EMERGENCY OVERVIEW

WARNING: Color: Milky White Liquid Odor: Mild
Skin Irritant. Eye Irritant. Respiratory Irritant

Potential Health Effects

Primary Route of Entry: Skin Contact, Eye Contact, Ingestion, Inhalation

Medical Conditions Aggravated

By Exposure: Skin disorders, Respiratory disorders, Eye disorders

NFPA 704M Rating

Health	1
Flammability	1
Reactivity	0
Other	

0= Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

*= Chronic Health Hazard

HMIS Rating

Health	1
Flammability	1
Physical Hazard	0

0= Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

* = Chronic Health Hazard

III. PHYSICAL PROPERTIES

Physical Form: Liquid
Color: Milky White
Odor: Mild
pH: 6.6
Boiling Point: 100.0°C (212°F) Estimated based on components
Melting/Freezing Point: Not Established

Solubility in Water: (Miscible)
Bulk Density: 1.03 g/cm³

IV. FIRE AND EXPLOSION DATA

Flash Point: 199.99° F (93.33° C)
Extinguishing Media: Use water fog, foam, carbon dioxide, dry chemical, Halogenated agents.

Special Fire Fighting Procedures:

Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes. Use cold water to cool fire-exposed containers to minimize risk of rupture. If contact with material or its solutions, immediately flush with water and remove contaminated clothing.

Unusual Fire/Explosion Hazards:

The material will not support combustion unless the water has evaporated. Combustion products: Carbon oxides, nitrogen oxides.

V. EMERGENCY AND FIRST AID PROCEDURES

First Aid for Eyes: Flush with clean, lukewarm water (low pressure) for at least 15 minutes while occasionally lifting eyelids. Obtain medical attention if irritation persists.

First Aid for Skin: Remove contaminated clothing and wash affected areas thoroughly with soap and water. Wash contaminated clothing before reuse.

First Aid for Inhalation: Move to an area free from risk of further exposure. Administer oxygen or artificial respiration as needed. Obtain medical attention.

First Aid for Ingestion: DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Give one to two glasses of water to drink and refer to medical personnel or take direction from either a physician or a poison control center. Consult physician.

VI. EMPLOYEE PROTECTION RECOMMENDATIONS

Engineering measures: No SCGIH TLB or OSHA PEL is assigned to this mixture. Control of exposure to below PEL for the ingredients may not be sufficient. Minimize exposure in accordance with good hygiene practice. Use ventilation adequate to maintain safe levels. Open containers in well ventilated areas to avoid inhalation of accumulated residual monomers or other volatile components which may be present at trace levels.

Eye Protection Requirements: Wear chemical tight goggles in combination with a full-face shield. Contact lenses should not be worn.

Skin Protection Requirements: Permeation resistant gloves (butyl rubber, nitrile rubber). Cover as much of the exposed skin area as possible with appropriate clothing. If skin creams are used, keep the area covered only by the cream to a minimum.

Respiratory/Ventilation Requirements: If needed, use NIOSH certified respirator for organic vapors, mists and fumes..

Additional Protective Measures: Employees should wash their hands and face before eating, drinking, or using tobacco products. Educate and train employees in the safe use and handling of this product. Emergency showers and eyewash stations should be available.

VII. REACTIVITY DATA

Stability: This is a stable material.
Materials to Avoid: Strong oxidizing agents.
Hazardous decomposition products: Carbon oxides. Nitrogen oxides.
Thermal decomposition: Material will not support combustion unless the water has

Hazardous reactions: **evaporated**
Hazardous polymerization is not known to occur.

VIII. SPILL AND LEAK PROCEDURES

Spill or Leak Procedures: Cleanup personnel must use appropriate personal protective equipment. Contain spill. Soak up material with absorbent and shovel into a chemical waste container.

IX. SPECIAL PRECAUTIONS & STORAGE DATA

This material contains trace amounts (less than or equal to .2%) of residual monomers. This product, which is an aqueous dispersion of a polymer, may be difficult to remove without injuring the skin if allowed to dry. Avoid breathing vapors or aerosol. Prevent skin and eye contact. Normal chemical handling and storage. Keep container tightly sealed. Store in a cool, well ventilated area away from heat, sources of ignition, direct sunlight and incompatible materials. Keep from freezing.

X. SHIPPING INFORMATION

LAND TRANSPORT (DOT)

Proper Shipping Name: **Not regulated by US**

XI. ECOLOGICAL DATA

Ecological Data for Propylene Glycol Monomethyl Ether Acetate
Biodegradation

Acrobic, 100 %, Exposure time: 8 days

Acute and Prolonged Toxicity to Fish

LC50: 11 mg/l (Fathead minnow (Pimephales promelas), 96 hrs.)

Acute Toxicity to Aquatic Invertebrates

EC50: 408 mg/l (Water flea (Daphnia magna), 48 hrs)

XII. FEDERAL REGULATORY INFORMATION

TSCA Status: All components of this material are included or are exempt From listing on the TSCA Inventory of Chemical Substances. This product contains a polymer for which qualification under the 1995 TSCA polymer exemption has been documents. On TSCA Inventory

CEPA (Canadian Environmental Protection Act): All ingredients NOT confirmed on the SDL (Domestic Substance List)

SARA Title III: This product does not contain any chemicals subject to The reporting requirements of SARA Section 313.

Canada: This is not a (WHMIS) controlled product in Canada.

California Proposition 65: This product is not known to contain any chemicals known To the State of California to cause cancer or birth defects Or other reproductive harm.

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