

OSHA-Required Health And Safety Information!

This Material Safety Data Sheet (MSDS) was requested moments ago from Hercules Automated Fax Information System. Please forward it immediately to the person in charge of MSDS's, or retain it at the machine until claimed.

Section 1

MATERIAL SAFETY DATA SHEET # 91
New Plastic Seal - "Gun Grade Cartridge"



MATERIAL SAFETY INFORMATION SERVICE

Hercules Chemical Company Inc.
 111 South Street
 Passaic NJ 07055
 Phone (800) 221-9330
 Fax (800) 333-3456

Date Prepared: 11/4/1996 Last Reviewed: 5/10/2001

Meets OSHA 29 CFR 1910.1200

Section 2 - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s), CAS Numbers)	OSHA PEL	ACGIH TLV	Other Limits	Upper Bound Limit if SARA Reportable
Diisocyanate Resin (1447-37-1)	N/A	N/A	N/A	N/A

HMIS Hazard Rating: Health: 1 Flammability: 1 Reactivity: 0 Personal Protection: A

Section 3 - Physical/Chemical Characteristics

Boiling Point (°C):	Specific Gravity (H2O = 1):	Vapor Density (Air = 1):	Vapor Pressure (mm Hg):
N/A	1.6	Non-volatile	N/A
Melting Point (° F)	Evaporation Rate: (Butyl Acetate = 1)	Solubility in Water:	
N/A	0.0	Insoluble	
Appearance And Color:	Gray Paste	Odor:	Mild

Section 4 - Fire And Explosion Hazard Data

Flash Point:	Flammable Limits:	LEL:	UEL:
None	N/A	N/A	N/A

Extinguishing Media: Water Spray, Chemical Foam, CO2, Dry Chemical

Special Firefighting Procedures:
 Use self-contained breathing apparatus in positive pressure mode.

Unusual Fire And Explosion Hazards:
 None

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Section 5 - Reactivity Data

Stability: Stable **Conditions To Avoid:** High humidity at temperatures over 80° F.

Incompatibility (Materials To Avoid): Water, alcohol, amines and acids will react with the resin and destroy it or cause hardening of the sealant.

Hazardous Decomposition: CO, CO₂, Oxides of Nitrogen

Hazardous Polymerization: Will not occur

Section 6 - Health Hazard Data

Routes of Entry: **Inhalation** N/A **Skin** YES/Primary **Ingestion** YES/Secondary

Health Hazards:

None known

Carcinogenicity: **NTP** NO **IARC** NO **OSHA Regulated** NO

Signs And Symptoms of Exposure:

EYES: May cause irritation. **SKIN:** May cause local irritation, may cause allergic skin rash to sensitized individuals.

INHALATION: May cause nausea.

Medical Conditions Generally Aggravated By Exposure:

None known.

Emergency And First Aid Procedures:

EYES: Flush with lukewarm water for 15 minutes. **SKIN:** Wash with soap and water. **INHALATION:** N/A.

INGESTION: Induce vomiting. Call physician immediately.

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Section 7 - Precautions For Safe Handling And Use:**Steps To Be Taken In Case Material Is Released Or Spilled:**

Transfer to covered container. Let cure to solid rubber. Not a hazardous waste.

Waste Disposal Method:

Non-hazardous landfill. Dispose of large spills in compliance with all Federal, State, and local regulations.

Precautions To Be Taken In Handling And Storing:

None

Other Precautions:

None

Section 8 - Control Measures:**Respiratory Protection:**

None

Ventilation: Local Exhaust Adequate
Mechanical N/A

Special N/A

Gloves: Latex

Other: N/A

Eye Protection: Safety glasses

Other Protective Clothing: None required

Work/Hygienic Practices Use good hygiene practices. When possible, wash hands after using.



FACTS
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AST!

For Hercules Material Safety Data Sheets by fax anytime, day or night, just call 1-800-942-INFO (1-800-942-4636) from any Touch-Tone phone. Have your fax number ready. Checking the product label for the correct MSDS # will save time.