

Material Safety Data Sheet

HMIS Rating: Health = 1, Flammability = 0, Reactivity = 0

#265

SECTION I — IDENTITY AND MANUFACTURER'S INFORMATION (0668A)

Manufacturer's Name HILLYARD INDUSTRIES

Product Name SEALTITE

Address 302 North Fourth Street
St. Joseph, MO 64502

Date Prepared March 13, 1991

Prepared by Regulatory Affairs Department

Emergency Telephone No.: CHEMTREC (800) 424-9300 (Only in the event of chemical emergency involving a spill, leak, fire, exposure or accident involving chemicals.)
Other Information Calls (816) 233-1321 (Ext. 303)

SECTION II — INGREDIENTS/IDENTITY INFORMATION

Components (Specific Chemical Identity; Common Name(s))	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (Optional)
Part A:					
Water (a & b)	7732-18-5	none	none	N/A	---
Acrylic polymer emulsion (a & b)	unknown to Hillyard	not est.	not est.	N/A	---
Waterborne urethane (a & b)	unknown to Hillyard	not est.	not est.	N/A	---
Polyethylene emulsion (a & b)	unknown to Hillyard	not est.	not est.	N/A	---
Part B:					
Water (a & b)	7732-18-5	none	none	N/A	---
Epoxy resins (a & b)	26142-30-3 & 25085-99-8	none	none	N/A	---
Gamma-butyrolactone (a & b)	96-48-0	none	none	N/A	---
Diepoxide pyrol (a & b)	unknown to Hillyard	none	none	N/A	---

Regulated by (a) New Jersey; (b) Pennsylvania.

V.O.C. = Less than 200 grams/liter

SECTION III — PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	A 209°F A & B - 208°F	B 204°F	Specific Gravity (H ₂ O = 1)	A 1.03 A & B - 1.03	B 1.06
Vapor Pressure (mm Hg.)	A 17.6 A & B - 17.6	B 17.1 ± 0.7	Percent Volatile By Volume (%)	A 73.79 A & B - 72.81	B 51.6
Vapor Density (Air = 1)	A 0.66 A & B - 0.66	B 0.79	Evaporation Rate - (ethyl ether = 1)	A, B, A & B slower than 1	
Solubility in Water	A, A & B complete B appreciable		Appearance and Odor	A, A & B - milky white liquid; non-objectionable odor; B - white emulsion	

SECTION IV — FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	A, B, A & B none (T.C.C.)	Flammable Limits	LEL not deter.	UEL N/A
Extinguishing Media	Carbon dioxide, dry chemical, fog or water spray			
Special Fire Fighting Procedures	Self-contained breathing apparatus with full facepiece operated in pressure demand or other pressure mode.			
Unusual Fire and Explosion Hazards	May form carbon dioxide and carbon monoxide.			

SECTION V — PHYSICAL HAZARDS

Stability	Unstable ☐ Stable ☒	Conditions to Avoid	N/A
Incompatibility (Materials to Avoid)	fire and excess heat; strong acids		
Hazardous Decomposition Products Or Byproducts	Carbon monoxide, carbon dioxide and products of combustion of organic material		
Hazardous Polymerization	May Occur ☐ Will Not Occur ☒	Conditions To Avoid	N/A

#265, Sealtime

SECTION VI — HEALTH HAZARD DATA

3/13/91

Route(s) of Entry: Inhalation? yes Skin? yes Ingestion? no (A or B)

Health Hazards (1. Acute and 2. Chronic)

1. (A, A & B) Not eye or skin irritant per FHSA. Contact may produce slight eye irritation but complete recovery was obtained in 48 hours. Skin contact may induce moderate irritation.

2. Epoxy resins are capable of causing sensitization of skin; sensitivity varies from person to person (Part B).

Chemical Listed as Carcinogen or Potential Carcinogen

National Toxicology Program

Yes ☐
No ☒

I.A.R.C. Monographs

Yes ☐
No ☒

OSHA Yes ☐
No ☒

Signs and Symptoms of Exposure Inhalation of mist may cause respiratory tract irritation. Eye contact may cause slight irritation. Contains less than 0.9% 2-Pyrrolidone, 1-methyl (CAS # 872-50-4); high oral dose levels in female rats caused maternal fetotoxicity. Dermal study of this chemical was embryo/toxic at very high levels in rats (attributed to maternal toxicity).

Medical Conditions

Generally Aggravated by Exposure

Epoxy resins are capable of causing sensitization of skin; sensitivity varies from person to person (Part B). Not orally toxic at 5 g/kg. nor toxic by inhalation at 9.2 mg/ml. on rats (Part A, A & B).

Emergency and First Aid Procedures

If exposed to high concentrations of vapor remove to fresh air; if breathing difficulty persists call a physician. In case of contact, immediately flush eyes with plenty of water for 15 minutes. Remove material from skin and clothing.

SECTION VII — PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken In Case Material Is Released Or Spilled

Dike spilled area and add absorbent earth, sand, or sawdust to spilled liquid. Keep out of sewers.

Waste Disposal Method

Collect absorbent/spilled mixture into metal containers. Dispose of in accordance with local, state and federal regulations. Incinerate in approved facility.

Precautions To Be Taken In Handling And Storing

Keep containers closed tightly when not in use. Store in cool, well-ventilated areas away from heat and out of direct sunlight. Protect from freezing.

Other Precautions Avoid prolonged breathing of vapor or spray mist. Avoid prolonged or repeated contact with skin. This product contains no reportable quantities of toxic chemicals subject to reporting requirements of Sec. 313 of SARA Title III Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR Part 372.

SECTION VIII — CONTROL MEASURES

Respiratory Protection (Specify Type) If sprayed use respirator MESA/NIOSH approved for mist and organic vapor. None normally needed.

Ventilation

Local Exhaust
N/A

Mechanical (General)

adequate ventilation required

Special

N/A

Other

N/A

Protective Gloves, recommended

Eye Protection
Chemical goggles

Other Protective Clothing Or Equipment

To prevent repeated or prolonged contact, wear impervious clothing and boots.

Work/Hygienic Practices

Wash hands before eating or using washroom.

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