



SINAK V EPOXY

MATERIAL SAFETY DATA SHEET

1. GENERAL INFORMATION

Product name: SINAK V EPOXY
 Common name: Polyamine
 Chemical family: Polyamine
 Synonyms: Amines Liquid Corrosive
 Product Use: Epoxy Sealer
 Emergency Contact#: 913-207-5748
 Manufacturer: Epoxy Products Company, LLC
 240 Main Street
 Grandview, MO 64030
 816-994-8944
 816-331-1181 FAX
info@epcokc.com

2. HAZARDS IDENTIFICATION

Route of Entry: Eyes, Skin, Swallowing, Inhalation
 Target Organs: None known
 Inhalation: May cause irritation to nose and throat
 Skin Contact: May cause irritation and dermatitis
 Eye Contact: May cause irritation, sensitization and may lead to eye damage
 Ingestion: May cause irritation of the mouth, stomach and sensitization

Rating Scale: 0-4

HMIS II ratings: Health = 3, Fire = 1, Reactivity = 1
 HMIS III ratings: Health = 3, Fire = 1, Physical Hazard = 1
 NFPA ratings: Health = 3, Fire = 1, Reactivity = 1

3. COMPOSITION/INGREDIENT INFORMATION

Ingredients:

Cas#	Chemical Name	%	OSHA PEL	ACGUH TLV
Component A				
25085-99-8	Propane, 2,2-bis[p-(2,3-epoxypropoxy)phenyl]-, polymers	>65%	NE	NA
68609-97-2	Aliphatic Glycidyl Ether	<4%	NE	NE
Component B				
84852-15-3	Nonylphenol	>40%	NE	NE
140-31-8	Aminoethylpiperazine	<10%	NE	NE
9046-10-0	Polyoxypropylenediamine	<40%	NE	NE
90-72-2	2,4,6 Tri (dimethylaminomethyl)phenol	<10%	10 mg/m3	5 mg/m3

None of the remaining components are considered a hazardous material or carcinogen (1910.1200 Hazard Communication (d) 4).



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MATERIAL SAFETY DATA SHEET

4. FIRST AID MEASURES

Inhalation:	If respiratory irritation occurs, go to fresh air, flood work area with fresh air. If irritation continues seek medical attention.
Skin Contact:	Remove contaminated clothing and shoes. Wash affected area(s) thoroughly with soap and water. If irritation persists, seek medical attention. SOLVENTS SHOULD NOT BE USED because they carry the irritant into the skin.
Eye Contact:	Flush the eyes with plenty of water for at least 15 minutes. If necessary, gently hold eyelids open during the flush. Immediately seek medical attention.
Ingestion:	Obtain immediate medical attention. Do not induce vomiting. Should vomiting occur, be sure to keep victim's head below hips to avoid aspiration of vomit into the lungs.

5. FIRE FIGHTING MEASURES

Flash Point:	>200°F
Flash Point Method:	Pensky Martens Closed Cup
Burning Rate:	No data available
Autoignition Temp:	No data available
LEL:	NA
UEL:	NA

Special Fire Fighting Procedures: None. Avoid breathing smoke. NFPA Class B-C extinguisher (dry chemical or foam) for Class 1C fires. Water spray may be ineffective on fire but can protect fire-fighters and cool closed containers. Use fog nozzles if water is used. Use supplied breathing masks.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Absorb with an inert material (sand, vermiculite). Sweep or scoop up and put into disposal containers. Flush area immediately with water (prevent water from entering waterways).

Large Spills: Dike area far ahead of liquid spill for later disposal. Do not release into sewers or waterways. Absorb with an inert material (sand, vermiculite). Sweep or scoop up into disposal containers. Flush area immediately with water (prevent water from entering waterways)

Regulatory Requirements: Follow applicable OSH regulations (29 CFR 1910.120). Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area or until spill clean-up has been completed.

7. HANDLING AND STORAGE

Handling Precautions: For professional use only. Avoid eye/skin contact. Wash after using and before eating or smoking. Avoid breathing vapors. Use as directed. Avoid uncontrolled mixing with other mixtures (strong acids, bases and oxidizers). Do not use solvent to thin. Respiratory protection is required when ventilation is inadequate. NIOSH/OSHA approved respirators should be provided and worn.

Storage Requirements: Store in cool/dry location. Do not allow material to freeze, as product may be damaged. Store away from sparks and open flames.



SINAK V EPOXY

MATERIAL SAFETY DATA SHEET

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

HMIS PP, H | Splash Goggles, Gloves, Apron, Vapor Respirator

VENTILATION: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs. Local exhaust ventilation is preferred because it prevents containment dispersion into the work area controlling it as its source.

RESPIRATORY PROTECTION: Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and if necessary, wear OSHA/NIOSH approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen.

PROTECTIVE CLOTHING/EQUIPMENT: Wear chemically protective gloves, boots and aprons to prevent prolonged or repeated skin contact. Wear protective goggles and face shield, per OSHA eye and face protection (29 CFR 1910.133).

CONTAMINATED EQUIPMENT: Separate contaminated work clothing from street clothing. Launder before reuse. Remove this material from your work shoes and clean personal protective equipment.

OTHER PRECAUTIONS: Never eat, drink or smoke in work areas.

This material is not listed by the International Agency for Research on Cancer, the National Toxicology Program, or the Occupational Safety and Health Administration.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Component A (Clear to light amber)	Component B (Amber)
Physical State	Liquid	
Boiling Point:	ND	
Odor:	Component A (Mild)	Component B (Amine odor)
Freezing/Melting Point:	ND/NE	
pH:	ND	
Solubility:	Insoluble	
Vapor Pressure:	NE	
Vapor Density:	(Air = 1) > 1	
Spec Grav./Density:	Component A (1.12)	Component B (0.95)
VOC:	0	
Evap Rate:	Slower than Butyl Acetate	
Viscosity:	Brookfield 600 cps (Part A) and 700 cps (Part B)	
Percent Volatile:	0	

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	None
Materials to Avoid:	Strong oxidizers, acids and bases
Hazardous Decomposition Products:	CO, CO ₂ , NO _x
Hazardous Polymerization:	None

11. TOXICOLOGICAL INFORMATION

No data available



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MATERIAL SAFETY DATA SHEET

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

When disposed of properly, this material does not meet RCRA classification or listing for hazardous waste. Never dispose of a liquid to a landfill. Spilled material should be stabilized or solidified prior to disposal. Once stabilized/solidified, the material may be disposed of through normal means. Certain localities and state laws have specific disposal requirements for non-hazardous industrial chemicals. Consult local municipal authorities, landfill personnel, disposal companies for details prior to any disposal activity. Always follow local, state and federal regulations.

14. TRANSPORT INFORMATION

Part A: Not hazardous for domestic ground shipment

Part A IMDG: UN 3082 Environmentally hazardous substance, liquid, n.o.s. (epoxy resin) 9 III MARINE POLLUTANT

Part B: UN 1760 Corrosive liquids, n.o.s. (nonylphenol) 8 III (ERG #154)

Part B IMDG: UN 1760 Corrosive liquids, n.o.s (nonylphenol) 8 III MARINE POLLUTANT - Segregation Group: 18 Alkalis
Placards required over 1,000 lbs.

15. REGULATORY INFORMATION

This MSDS has been prepared in accordance with Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

16. OTHER INFORMATION

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

User Responsibility: The information in this document cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions, in addition to those described herein, are required. Any health hazard and safety information herein should be distributed to customers or employees as applicable.

DISCLAIMER

The information contained herein is, to the best of our knowledge and belief, accurate and current as of the date of this MSDS. However, since the conditions of handling and use are beyond our control, we make no guarantee of results and assume no liability for damages incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical is the sole responsibility of the user. No representation or warranties, either expressed or implied, as to its correctness or completeness, or as of merchantability, fitness for a particular purpose, or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers or as to the results or reliance of this product. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.