



**EPOXY ADHESIVE 300-B**

MSDS No.:8300

MSDS Preparation Date: January 8, 2010

Page 1 of 5

## MATERIAL SAFETY DATA SHEET

### SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

**Product Name** : EPOXY ADHESIVE 300-B

**Product Use** : Adhesive

**Chemical Family** : Mixture.

**Supplier's name and address:**

**Rosco Laboratories Inc.**

52 Harbor View Avenue  
 Stamford, CT, United States  
 06902

**24 Hr. Emergency Tel #** : (800) 424-9300

**HMIS Rating** : \* - Chronic hazard 0 - Minimal 1 - Slight 2 - Moderate 3 - Serious 4 - Severe

*Health:* 1      *Flammability:* 2      *Reactivity:* 0

**WHMIS Classes:**



FLAMMABLE



TOXIC

### SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>CAS #</u>	<u>% (weight)</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
			<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
Polyamide resin	68410-23-1	35.0 - 49.0	N/Av	N/Av	N/Av	N/Av
Isopropanol	67-63-0	10.0 - 19.0	200 ppm	400 ppm	400 ppm (980 mg/m3)	500 ppm (1225 mg/m3)

### SECTION 3 - HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

Opaque medium syrup, amber color. Amine odor. Caution! Combustible liquid and vapor. Vapor is heavier than air and will collect in low-lying places. Causes eye, skin and respiratory irritation. Inhaling high concentrations may cause respiratory irritation and central nervous system depression, with results ranging from dizziness and headache to unconsciousness. Harmful if inhaled.

#### \*\*\*POTENTIAL HEALTH EFFECTS\*\*\*

**Target organs** : Eyes, skin, respiratory system.

**Routes of exposure** : *Inhalation:* YES    *Skin Absorption:* YES    *Skin & Eyes:* YES    *Ingestion:* YES

**Potential acute health effects** :

*Eyes:* Moderate eye irritant. Contact may cause redness, swelling and a painful sensation.

*Skin:* May cause mild to moderate skin irritation.

*Inhalation:* Inhaling high concentrations may cause respiratory irritation and central nervous system depression, with results ranging from dizziness and headache to unconsciousness. Irritating to respiratory system.

*Ingestion:* Harmful if swallowed. Nausea, vomiting and diarrhea may occur.

**Potential chronic health effects**

: Prolonged or repeated contact with liquid may cause irritation and dermatitis.



**EPOXY ADHESIVE 300-B**

MSDS No.:8300

**MSDS Preparation Date:** January 8, 2010

Page 2 of 5

**Medical conditions aggravated by overexposure**

: None known or reported by the manufacturer.

**Additional health hazards**

: None known.

**Potential environmental effects**

: See ECOLOGICAL INFORMATION (Section 12).

**SECTION 4 - FIRST AID MEASURES**

**Inhalation**

: If inhaled, move to fresh air. Restore breathing. Provide supportive treatment, keeping victim warm and quiet. If irritation persists, seek prompt medical attention.

**Skin contact**

: Wash affected areas with soap and water. If irritation persists, seek prompt medical attention.

**Eye contact**

: Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, seek prompt medical attention.

**Ingestion**

: Do NOT induce vomiting. Call a physician or Poison Control Centre immediately.

**Notes For Physician**

: Treat symptomatically.

**SECTION 5 - FIRE FIGHTING MEASURES**

**Fire hazards/conditions of flammability**

: Combustible liquid and vapor. Keep containers closed when not in use. Keep this product away from heat, sparks, flame, and other sources of ignition (e.g. pilot lights, electric motors, static electricity).

**Flammability classification (OSHA 29 CFR 1910.1200)**

: OSHA Combustible Liquid II.

**Flash point**

: 41 °C

**Flash point Method**

: Seta Flash CC

**Auto-ignition temperature** : Not available.

**Lower flammable limit (% by vol.)**

: 2 %

**Upper flammable limit (% by vol.)**

: 12 %

**Suitable extinguishing media**

: Dry chemical, carbon dioxide and foam.

**Explosion data: Sensitivity to mechanical impact / static discharge**

: Not sensitive to mechanical impact. May be sensitive to static discharge.

**Special fire-fighting procedures/equipment**

: Water spray may be ineffective. Water spray may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat. If water is used, fog nozzles are preferable.

**Hazardous combustion products**

: Oxides of carbon and nitrogen, various hydrocarbons, smoke.

**Oxidizing properties**

: None.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**Personal precautions**

: Individuals involved in the cleanup must wear appropriate personal protective equipment. Remove all sources of ignition.

**Environmental precautions**

: Ensure spilled product does not enter drains, sewers, waterways, or confined spaces.

**Spill response/cleanup**

: Collect as much of the spilled material as possible using nonsparking tools. Place in an approved metal container. Seal the container. Wash area thoroughly with a detergent solution and rinse well with water.

**Containment**

: Place in an approved metal container. Seal the container.

**SECTION 7 - HANDLING AND STORAGE**

**Safe Handling procedures**

: Keep away from excessive heat, open flames, sparks and other possible sources of ignition. Keep containers closed when not in use. Vapors may ignite explosively. Prevent buildup of vapors. Avoid breathing vapors and prolonged or repeated contact with skin.



EPOXY ADHESIVE 300-B

MSDS No.:8300

MSDS Preparation Date: January 8, 2010

Page 3 of 5

- Storage requirements** : Store in a cool, dry, well-ventilated area not above 48°C. Keep away from excessive heat, open flames, sparks and other possible sources of ignition.
- Incompatible materials** : Strong oxidizing agents.
- Special packaging materials** : No special precautions required.

**SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Ventilation and engineering measures**

- : Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits.

**Respiratory protection** : None required with adequate ventilation.

**Skin protection** : None required under normal conditions.

**Eye / face protection** : Safety goggles or glasses as appropriate for the job.

**Other protective equipment** : None required under normal conditions.

**General hygiene considerations** : Good general cleanliness and hygiene.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

- |  |   |
|--|---|
| <b>Physical state</b> : Liquid.  | <b>Appearance</b> : Opaque medium syrup, amber color.                     |
| <b>Odour</b> : Amine odour.  | <b>Odour threshold</b> : Not available.                                   |
| <b>pH</b> : Not available.   | <b>Specific gravity</b> : 1.48  |
| <b>Boiling point</b> : 82 °C   | <b>Coefficient of water/oil distribution</b> : Not available.             |
| <b>Melting/Freezing point</b> : Not available.                           | <b>Solubility in water</b> : Insoluble or very slightly soluble in water. |
| <b>Vapour pressure (mmHg @ 20° C / 68° F)</b> : 33 mm Hg @ 20 °C         | <b>Evaporation rate (n-Butyl acetate = 1)</b> : > 1 (Butyl acetate = 1)   |
| <b>Vapour density (Air = 1)</b> : > 1                                    | <b>Volatiles (% by weight)</b> : 20 %                                     |
| <b>Volatile organic Compounds (VOC's) (lbs/gal;g/l)</b> : Not available. |   |
| <b>Viscosity</b> : Not available.  |   |
- Special Remarks On Fire Hazards** : Combustible liquid and vapour.

**SECTION 10 - REACTIVITY AND STABILITY DATA**

- Stability and reactivity** : Stable under normal conditions.
- Hazardous polymerization** : Will not occur.
- Conditions to avoid** : Heat, sparks and open flames, electrical and static discharge.
- Materials To Avoid And Incompatibility** : Oxidizing agents.
- Hazardous decomposition products** : Thermal decomposition products include: Carbon dioxide; carbon monoxide; organic compounds of unknown structure.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

**EPOXY ADHESIVE 300-B**

MSDS No.:8300

MSDS Preparation Date: January 8, 2010

Page 4 of 5

<u>Ingredients</u>	<u>LC<sub>50</sub>(4hr)</u>	<u>LD<sub>50</sub></u>	
	<u>inh, rat</u>	<u>oral</u>	<u>dermal</u>
Polyamide resin	N/Av	N/Av	N/Av
Isopropanol	17,000 ppm/4H (rat)	4720 mg/kg (rat)	12,890 mg/kg (rabbit)

- Toxicological data** : No data is available on the product itself.
- Carcinogenic status** : No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.
- Reproductive effects** : Not expected to have other reproductive effects.
- Teratogenicity** : Not expected to be a teratogen.
- Mutagenicity** : Not expected to be mutagenic in humans.
- Reproductive Effects** : Not expected to have other reproductive effects.
- Irritancy** : Causes eye, skin and respiratory irritation.
- Sensitization to material** : Not expected to be a sensitizer.
- Synergistic materials** : None known.

**SECTION 12 - ECOLOGICAL INFORMATION**

- Environmental effects** : None known or reported by the manufacturer.
- Important environmental characteristics** : Biodegradability is not known.
- Ecotoxicological** : No data is available on the product itself.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

- Handling for Disposal** :
- Methods of Disposal** :

**SECTION 14 - TRANSPORTATION INFORMATION**

<b>Regulatory Information</b>	<b>UN Number</b>	<b>Shipping Name</b>	<b>Class</b>	<b>Packing Group</b>	<b>Label</b>
TDG	None	Not regulated.	Not regulated	-None-	
<b>TDG Additional information</b>	Not regulated for road or rail shipment if packaged in non-bulk containers (450 Litres or less each).				
49CFR/DOT	None	Not regulated.	Not regulated	-None-	
<b>49CFR/DOT Additional information</b>	Not regulated for road or rail shipment if packaged in non-bulk containers (450 Liters or less each).				
ICAO/IATA	UN1133	Adhesives	3	III	
<b>ICAO/IATA Additional information</b>	Refer to ICAO/IATA Packing Instruction Y309, 309, or 310.				
IMDG	UN1133	ADHESIVES	3	III	



**EPOXY ADHESIVE 300-B**

MSDS No.:8300

**MSDS Preparation Date:** January 8, 2010

Page 5 of 5

<b>IMDG Additional information</b>	May be shipped as Limited Quantity when transported in containers no larger than 5.0 Litres; in packages not exceeding 30 kg gross mass.
--	--

**SECTION 15 - REGULATORY INFORMATION**

**US Federal Information:**

TSCA: All listed ingredients appear on the Toxic Substances Control Act (TSCA) inventory.

SARA Section 313: This material is not subject to SARA notification requirements, since it does not contain any Toxic Chemical Constituents above de minimus concentrations.

**US State Right to Know Laws:**

California Proposition 65: To the best of our knowledge, this product does not contain any chemicals known to the State of California to cause cancer or reproductive harm.

**Canadian Regulations:**

Canadian WHMIS Classification: B3; D2B

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).

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

**SECTION 16 - OTHER INFORMATION**

**Legend** : ACGIH: American Conference of Governmental Industrial Hygienists  
 IARC: International Agency for Research on Cancer  
 N/Ap: not applicable  
 N/Av: not available  
 NIOSH: National Institute of Occupational Safety and Health  
 NTP: National Toxicology Program OSHA: Occupational Safety and Health Administration

**References** : Information obtained from sources including original supplier's Material Safety Data Sheet, and references including RTECS and CCOHS Cheminfo.

<p><b><u>Prepared for:</u></b>          Rosco Laboratories Inc.          52 Harbor View Avenue          Stamford, CT, USA, 06902          Phone: (203) 708 8900   <a href="http://http://www.rosco.com/">http://http://www.rosco.com/</a></p>	
<p><b><u>Prepared by:</u></b>          ICC The Compliance Center Inc.          Canada: 1-888-977-4834          USA: 1-888-442-9628   <a href="http://www.thecompliancecenter.com">http://www.thecompliancecenter.com</a></p>	

**DISCLAIMER OF LIABILITY**

Every effort has been made to ensure that the safety information on this sheet is accurate, but because Rosco Laboratories, Inc. has no control over the conditions under which the product will be used, liability is limited exclusively to replacement or refund of the purchase price of this product. Except as stated herein, there are no express or implied warranties, including implied warranties of merchantability or fitness for a particular purpose. Rosco Laboratories, Inc. assumes no liability for injury or incidental or consequential damages arising out of storage, handling or use of this product.

**Preparation Date:** : January 8, 2010

**END OF DOCUMENT**