



EPOXY ADHESIVE 300-B

MSDS No.:8300

MSDS Preparation Date: January 8, 2010

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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.



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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.



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- 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

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

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<u>Ingredients</u>	<u>LC₅₀(4hr)</u>	<u>LD₅₀</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

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



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IMDG Additional information	May be shipped as Limited Quantity when transported in containers no larger than 5.0 Litres; in packages not exceeding 30 kg gross mass.
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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><u>Prepared for:</u> Rosco Laboratories Inc. 52 Harbor View Avenue Stamford, CT, USA, 06902 Phone: (203) 708 8900 http://http://www.rosco.com/</p>	
<p><u>Prepared by:</u> ICC The Compliance Center Inc. Canada: 1-888-977-4834 USA: 1-888-442-9628 http://www.thecompliancecenter.com</p>	

DISCLAIMER OF LIABILITY

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