

PRODUCT NAME: Rhino® 1311 Epoxy Resin-TAP General Purpose Epoxy Resin
CHEMICAL FAMILY: Epoxy Resin Mixture**SECTION 1 – IDENTIFICATION****MANUFACTURER'S NAME: Rhino Linings Corporation****ADDRESS: 9747 Businesspark Avenue, San Diego, CA, 92131****INFORMATION PHONE: 858-450-0441****EMERGENCY CONTACT: (CHEMTREC): 800-424-9300****SECTION 2 – HAZARDS IDENTIFICATION**

EMERGENCY OVERVIEW: Epoxy resin solution. Certain individuals may have pre-existing skin or respiratory conditions causing a sensitivity or allergy which manifests as various reactions. Heating or spraying this product or the mixed parts increases potential health hazards. Health and Safety personnel should examine the handling procedures and remedy existing or potential health and safety hazards.

POTENTIAL HEALTH EFFECTS:**EYE:**

- May cause irritation.

SKIN:

- May cause irritation. Low dermal absorption hazard.

INGESTION:

- May inflame or damage the G.I. tract. Ingestion may be harmful.

INHALATION:

- May cause irritation.

CHRONIC EFFECTS:

- Repeated exposure may cause irritation and sensitization.

SIGNS & SYMPTOMS:

- Skin rash, irritation, reddening, or eczema; breathing irritation or difficulty.

**SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS**

INGREDIENT	%	CAS #	EXPOSURE LIMITS
Bisphenol A Reaction Product	>80	25085-99-8	N/E
2-Ethyl Hexyl Glycydyl Ether	<10	2461-15-6	N/E
Proprietary ingredients	<10	Trade secret	N/E

SECTION 4 – FIRST-AID MEASURES

◆USE APPROPRIATE BLOOD-BORNE PATHOGENS PROTECTIONS◆

EYE:

- Hold eyelids apart and flood with copious amounts of water. Seek medical attention.

SKIN:

- Remove excess product. Wash thoroughly with soap and water. If irritation persists, seek medical attention.

INGESTION:

- Do not induce vomiting unless directed by medical personnel. Seek medical attention.

INHALATION:

- Remove to fresh air. Seek medical attention.

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FLASH POINT: 177°C 350°F UEL: N/A LEL: N/A VAPOR DENSITY: N/A
NFPA FLAMMABILITY RATING: 1 AUTOIGNITION: 300°C 570°F
COMBUSTION PRODUCTS: CO, CO₂, NO_x, & misc. hydrocarbons.
SPECIAL HAZARDS: Pre-sensitization to epoxy.
EXTINGUISHING MEDIA: Use foam, CO₂, dry chemical, water fog.
FIRE FIGHTER INSTRUCTIONS: Stay upwind. Wear at least full bunker gear and SCBA.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Isolate spill area. Keep out of sewer and storm drains. Stop the leak and contain the spill. Vacuum, scoop, or absorb spill with non-combustible materials. Clean up spill residues with soap and water.

SECTION 7 – HANDLING AND STORAGE

Avoid skin and eye contact and breathing vapors or mists by appropriate measures. Do not eat or smoke while handling this product. Wash thoroughly after handling or exposure to this product.

Store in original sealed container at ambient temperatures (65°-80°F) in dry, well-ventilated areas.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

For Personal Exposure Limits (PEL), Threshold Limit Values (TLV) or other exposure limits, see Sec. 3.
GENERAL: Provide ventilation that will keep airborne concentration at a minimum.
EYE/FACE: Safety glasses or splash goggles with face shield.
SKIN: Butyl or nitrile rubber chemical gloves. Don chemical resistant clothing where exposure may occur.
RESPIRATORY: NIOSH approved respirator with organic vapor/HEPA filter cartridges.
OTHER: Decontaminate or discard clothing and materials that have come in contact with this product.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: clear ODOR: slightly sweet PHYSICAL STATE: liquid
VAPOR PRESS: N.D.A. SPECIFIC GRAVITY: 1.13 pH: N.D.A.
BOILING PT: N.D.A. MELT PT: N/A SOLUBILITY IN H₂O: slightly

SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable.
INCOMPATIBILITY: Strong acids, caustics, oxidizers, and epoxy hardeners in an uncontrolled condition.
HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION: None known, other than Sec. 5's Combustion Products.

SECTION 11 – TOXICOLOGICAL INFORMATION

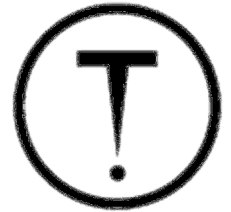
Oral: N.D.A.
Dermal: N.D.A.
Inhalation: N.D.A.
Carcinogens under OSHA, ACGIH, NTP, IARC, or Other: None ≥ 0.1%.

SECTION 12 – ECOLOGICAL INFORMATION

N.D.A.

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Dispose of in accordance with applicable federal, state, and local laws and regulations.

SECTION 14 – TRANSPORT INFORMATIONDOT: Not Regulated.
IATA:
IMO:**SECTION 15 – REGULATORY INFORMATION**OSHA: 29 CFR 1910.1200 Hazardous Chemical "Irritant", "Sensitizer".
TSCA: Ingredients listed.
SARA III: Sec311 & 312 Immediate Health Hazard; Sec313 Not listed.
CA PROP. 65 NOTICE: Not listed.
NFPA: Health 1 Fire 1 Reactivity 0 Other N/A

WHMIS: Hazard Classification: Class D2B Skin Sensitizer. Refer to SDS for specific warnings.

WHMIS Symbols: Stylized T.

WHMIS Trade Secret Registry Numbers: None.

Hazardous Products Act Information: This product SDS contains ingredients which are Controlled and/or on the Ingredient Disclosure List (HPA sections 13 and 14).

SECTION 16 – OTHER INFORMATION

03/26/2015 Change to SDS format. Supercedes 12/20/2011.

ABBREVIATIONS: N/A = not applicable; N.D.A. = no data available; NE = not established

Disclaimer: The data set forth in this sheet are based on information provided by the suppliers of the raw materials and chemicals used in the manufacture of the aforementioned product. Rhino Linings Corporation makes no warranty with respect to the accuracy of the information provided by their suppliers, and disclaims all liability of reliance thereof.