




Safety Data Sheet

RF 2871

Section 1. Identification

Product Identifier	RF 2871	
Synonyms	Epoxy Adhesive	
Manufacturer Stock Numbers	12555	
Recommended use	Epoxy Adhesive	
Uses advised against	Can react vigorously with strong oxidizing agents, strong Lewis or mineral acids, strong mineral and organic base, especially primary and secondary aliphatic amines.	
Manufacturer Contact Address	Resin Formulators 18027 Bishop Avenue Carson, CA, 90746 USA	
Phone	Emergency Phone	Fax
(310) 204-6159	(800) 424-9300 CHEMTREC	(310) 202-7247
Email	Website	
sales@evroberts.com	http://www.evroberts.com	

Section 2. Hazards Identification

Classification	SKIN CORROSION/IRRITATION - Category 3
Signal Word	Warning
Pictogram	
Hazard Statements	Causes mild skin irritation
Precautionary Statements	

Response	If skin irritation occurs: Get medical advice/attention.
Prevention	Based on product testing product is generally considered to have a low order of acute oral toxicity
Storage	Store in a well-ventilated place. Keep cool.
Disposal	N/A
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	
Over-exposure signs/symptoms	
Inhalation	Because of its very low volatility this product is not likely to produce any adverse effect by inhalation.
Eye	Moderately irritating to the eyes.
Skin	Moderately irritating to the skin.
Ingestion	Product is considered to have a low order of acute oral toxicity.
Potential Health Effects	----- Health Effects or Risks from Exposure. Acute: See section 5. Chronic: Skin sensitization. -----

Section 3. Ingredients

CAS	Ingredient Name	Weight %
9003-36-5	Bisphenol F/Epichlorohydrin Resin	<40 %
21645-51-2	Aluminum hydroxide (Al(OH)3)	<40 %
461-58-5	Guanidine, cyano-	>5 %

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Eye Contact	Eye Irritant: Immediately flush eyes with running water for a minimum of 20 minutes. Hold eyelids open during flushing. Obtain medical attention IMMEDIATELY.
Skin Contact	Immediately remove contaminated clothing or shoes, wipe excess from skin and flush with plenty of water for at least 15 minutes. Use soap if available or follow by washing with soap and water. Do not reuse clothing until thoroughly cleaned.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.
Ingestion	Do NOT Induce Vomiting. In general, no treatment is necessary unless large quantities of product are ingested. However, if conscience, wash out their mouth with water then give 1 or 2 glasses of water to drink. Refer person to medical personnel for immediate attention.
Note to Physician	In general, emesis induction is unnecessary in high viscosity, low volatility products, e.g. Neat Epoxy Resins. However, symptomatic and supportive therapy may be needed following severe exposure. In such cases, medical follow-up should be maintained for at least 48 hours.
Chronic Health Hazard, General	This product's ingredients are NOT found in the lists below: OSHA NTP IARC
Medical Conditions Aggravated by Exposure	Pre-existing skin allergies may increase the chance of developing increased allergy symptoms from exposure to this product. Pre-existing skin and eye disorders may be aggravated by exposure to this product.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Flash Point: >200°F Auto Ignition Temperature: Not Available Flammable Limits (Lower): Not Available Flammable Limits (Upper): Not Available Extinguishing media: Carbon dioxide, dry chemical, appropriate foam or FOG. If water is used, very large quantities are required. Contain runoff water with temporary barriers.
Unsuitable Extinguishing Media	N/A

Section 6. Accidental Release Measures

Disposal	Deposit absorbent material saturated with product in a separate, labeled, leak-proof container and take to an approved treatment, storage or disposal facility. Disposal must abide by federal, state and local regulations.
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Section 7. Handling and Storage

Other Handling Information Use ventilation as required to control vapor concentrations. Protective measures during maintenance of contaminated equipment: Same as above.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Bisphenol F/Epichlorohydrin Resin	N/A	N/A	N/A
	Aluminum hydroxide (Al(OH) ₃)	N/A	N/A	N/A
	Guanidine, cyano-	N/A	N/A	N/A
Personal Protective Equipment	Goggles, Gloves, Face Shield, Respirator, PROTECTIVE CLOTHING			
Engineering Controls	Store material in a cool dry place with adequate ventilation.			
Personal Protective Equipment				
Eye Protection	Chemical safety goggles. If there is a potential for splashing, use a full-face shield.			
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.			
Protective Clothing	Avoid contact with eyes. Wear safety goggles as appropriate. Wear chemical resistant clothing as required to minimize contact			
Hygienic Practices - Clothing	Launder contaminated clothes before wearing. Do not smoke or eat where this material is being used. Wash hands before smoking, eating or going to the bathroom			
Respiratory Protection	Wear appropriate respirator when ventilation is inadequate. During spraying, wear suitable NIOSH/MSHA approved respirator. Follow manufacture's recommendations.			

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Vicous Black
Odor	Slight odor
Odor Threshold	N/A
Solubility	Negligible
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	N/A
Specific Gravity	1.4
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	>200°F
FP Method	TOC
Ph	N/A
Melting Point	N/A
Boiling Point	N/A
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	N/A
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	N/A
Vapor Density	N/A

Section 10. Stability and Reactivity

Chemical Stability	Stable under normal conditions.
Conditions to Avoid	Can react vigorously with strong oxidizing agents, strong Lewis or mineral acids. In reactions with many curing agents, considerable heat is released.
Incompatibilities	Keep away from strong oxidizing agents, strong Lewis or mineral acids.
Hazardous Decomposition Products	Carbon monoxide, aldehydes and acids may be formed during combustion. Reaction with some curing agents may produce considerable heat.
Polymerization	Polymerization will not occur

Section 11. Toxicological Information

No Data Available

Section 12. Ecological Information

No Data Available

Section 13. Disposal

Disposal Spill response procedures: May burn although not readily ignitable. Use cautious judgment when cleaning up large spills. Large Spills - Wear respirator and protective clothing as appropriate. Shut off source of leak if safe to do so. Dike and contain. Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent such as clay, sand or other suitable material; dispose of properly. Flush area with water to remove trace residue. Small Spills - Take up with an absorbent material and dispose of properly.

Preparing wastes for disposal: Solidify with clay or other absorbent in a steel drum. Consult your local authorities for an appropriate disposal facility.

Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	N/A
DOT Classification	N/A
Packing Group	N/A

Section 15. Regulatory Information

EPA SARA Title III Section 312	SECTION 9 SARA Title III Section 313 Information Component : Epichlorohydrin CAS # 106898 Wt % <2 ppm
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Regulatory Information The State of California regulation, Proposition 65, requires the State to identify and list specific chemicals known to cause cancer or birth defects/reproductive harm. Proposition 65 requires a disclosure for products sold within the State of California containing any Proposition 65 listed chemical. The requirement for disclosure is independent of concentration, thus disclosure is required for any detectable amount. Federal regulations require disclosure for carcinogens if the concentration is 0.1% or higher. The following information is required by the State of California for this product:

This product contains chemicals known to the State of California to cause cancer.

Phenyl Glycidyl Ether CAS No: 122-60-1 (6ppm or 0.0006%)
Epichlorohydrin CAS No: 106-89-8 (2 ppm or 0.0002%)
This product contains Crystalline Silica CAS No: 14808-60-7

Section 16. Other Information

Revision Date

6/11/2015

Disclaimer

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