

Material Safety Data Sheet

RX-9985-A



Section 1 - Product and Company Identification

Material Name	- Epoxy Primer – Part A
Chemical Category	- Mixture
Product Code	- RX-9985-A
Product Description	- Epoxy Primer
Product Use	- Roofing System Epoxy Primer
Distributor	- TRI-BUILT Roofing Products - 15 East Union Avenue PO Box 511 East Rutherford, NJ 07073 See Website for Customer Service Contact
Telephone	
General/Technical	- 813-248-2101 – Customer Service: 8AM – 5 PM M-F Eastern Standard Time
<u>Emergency</u>	- 800-424-9300 - CHEMTREC
<u>Emergency</u>	- 703-527-3887 – CHEMTREC (Outside US)
Preparation Date	- 9/5/2013

Section 2 - Hazards Identification

EMERGENCY OVERVIEW

CAUTION

Irritating to eyes, respiratory system and skin. Common irritation symptoms- headache, nausea, nose and throat irritation-may result from overexposure.

Potential Acute Health Effects:

Skin/Eyes:	May cause irritation with symptoms of reddening, tearing, stinging and swelling.
Inhalation:	If breathing vapor while spraying may cause respiratory tract irritation.
Ingestion:	May include abdominal pain, nausea, vomiting, and diarrhea.



Physical Form	- Viscous White Liquid
Color	- White
Odor	- Faint Aromatic Odor
Flash Point	- >100°C.
OSHA	- The ingredients in this material are classified as Non-hazardous under OSHA Hazard Communication Standard (29 CFR 1910.1200).
Route Of Entry	- Inhalation, Skin, Eye, Ingestion/Oral
NFPA	- Health =1, Flammability = 0, Reactivity = 0

Section 3 - Composition/Information on Ingredients

Hazardous Components						
Chemical Name	CAS	%(wt)		LD50/LC50	EU R & S Phrases	Other
4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer	25068-38-6	10% TO 30%			NDA	NDA
Titanium Dioxide	13463-67-7	1% TO 10%				

This product is an encapsulated mixture which reduces the likelihood of exposure to hazardous particulates. Airborne exposures to hazardous dusts or mists may be generated by spraying, sanding or grinding.

See Section 11 for Toxicological Information.

Section 4 - First Aid Measures

- Inhalation** - If inhaled, remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. If breathing is difficult, give oxygen. If systems persist, obtain medical advice.
- Skin** - Immediately remove contaminated clothing and shoes. Wash affected areas, including hair, beneath nails and other concealed areas with soap and water. Get medical attention if symptoms occur.
- Eye** - Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.
- Ingestion** - Do NOT induce vomiting without medical advice. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician.

See Section 2 for Potential Health Effects.

Section 5 - Fire Fighting Measures

- Extinguishing Media** - Extinguish preferably with dry chemical, carbon dioxide or foam. Water spray/mist may be used. Do not use water jet.
- Unsuitable Extinguishing Media** - Do not use direct stream of water.
- Firefighting Procedures** - As appropriate for surrounding materials/equipment. If electrical equipment is involved, the use of foam should be avoided. Use water spray to cool non-involved containers.
- Fire and Explosion Hazards** - This product is not considered combustible and is not fire hazard. It will not support combustion but may decompose under fire conditions to give off toxic materials. Do not pour, spill or store near heat, spark sources or open flame.
- Hazardous Combustion Products** - Thermal decomposition products are toxic and may include oxides of carbon and other irritating or toxic gases.
- Protection of Firefighters** - Wear self-contained breathing apparatus with a full-face piece operated in the positive pressure demand mode and full protective clothing (Bunker Gear) when fighting fires.
- Flash Point** - >100°C
- Explosion (Flammable) Limits**
- Upper** - N/A
- Lower** - N/A

Section 6 - Accidental Release Measures

- Personal Precautions** - Wear personal protective equipment. Avoid breathing vapor while spraying. Ensure adequate ventilation. Remove contaminated clothes as soon as possible.
- Emergency Procedures** - Ventilate area. Absorb spill with absorbent material such as vermiculite or sand,

Environmental Precautions	and place in a closed container.
Containment/Clean-up Measures	- Prevent spills to enter and spread to drains, sewers, water courses, and soil.
Prohibited Materials	- Absorb leaking product with sand, earth or other suitable inert material and collect. Dispose of material in accordance with local and provincial standards.
	- Avoid contact with strong oxidizing agents and acids.

Section 7 - Handling and Storage

Handling	- Avoid spilling, skin and eye contact. Provide good ventilation. Persons susceptible for allergic reactions should not handle this product. Keep from contact with strong oxidizing materials. Do not get on skin or clothing. Do not get in eyes. Do not breathe vapors or spray mist.
Storage	- Store in tightly closed container and avoid freezing. Store at ambient temperature, or between 32 and 98 degrees F. Keep in original container.

Section 8 - Exposure Controls/Personal Protection

Personal Protective Equipment

Pictograms



Respiratory	- If the product is heated or sprayed under manual handling, use NIOSH approved, air-purifying respirator with organic vapor cartridges and N-95 filters. Full face-piece is recommended. None required under normal conditions of use.
Eye/Face	- Wear chemical safety goggles / full face shield if there is a potential for splashing.
Hands	- Wear suitable gloves: neoprene, nitrile or acrylonitrile butadiene rubber or PVC. Wear full chemical suit when manually spraying this material. Change suit or clean gloves if contaminated.
Skin/Body	- Wear suitable gloves: neoprene, nitrile or acrylonitrile butadiene rubber or PVC. Wear full chemical suit when manually spraying this material. Change suit or clean gloves if contaminated.
General Industrial Hygiene Considerations	- DO NOT SMOKE IN WORK AREA! Wash hands and any other area that may have been exposed at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.
Engineering Measures/Controls	- Use local and general exhaust ventilation to minimize airborne concentrations. Suitable respiratory equipment should be used in cases of insufficient ventilation or where operation procedures demand it. Use precaution to protect building intake from fumes and vapors created outdoors.

Section 9 - Physical and Chemical Properties

Physical Form:	Liquid	Appearance/Description:	White Viscous Liquid
Color:	White	Odor:	Faint Aromatic
Odor Threshold:	N/A	Boiling Point:	NA
Melting Point:	Not Determined	Decomposition Temperature:	N/A
Specific Gravity/Relative Density:	= 1.405 Water=1	Density:	NA
VOC (Vol.):	< 55 g/L	Volatiles (Wt.):	NDA
Volatiles (Vol.):	No data available	Flash Point:	<100°C

Section 10 - Stability and Reactivity

Stability	- Stable under normal temperature conditions
Hazardous Polymerization	- Hazardous polymerization will not occur.
Conditions to Avoid	- Strong oxidizing agents
Hazardous Decomposition Products	- Thermal decomposition products by fire are toxic and may include hydrocarbons and oxides of carbon.

Section 11 - Toxicological Information

Component Name	Concentration	CAS	Data
4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer	10% TO 30%	25068-38-6	LD50, Oral (Acute)-Rat >2000mg/kg LD50, Dermal (Acute)-Rabbit>2000mg/kg

Potential Acute Health Effects

Skin Contact: Mild irritation potential.

Eye Contact: Mild irritation potential.

Inhalation: Irritating when breathing in mists or vapors in spray applications.

Ingestion: Not likely to be a relevant route of exposure, but refer to Section 4.

Potential Chronic Health Effects

Mutagenicity: Resins similar to 4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer (CAS# 25068-38-6) have shown activity invitro microbial mutagenicity screening and have produced chromosomal aberrations in cultured rat liver cells. The significance of these tests to man is unknown.

Carcinogenicity: No conclusive evidence of carcinogenicity in any of the components.

Teratogenicity: No known significant effects or critical hazards.

Fertility Effects: No known significant effects or critical hazards.

Sensitization: 4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer (CAS# 25068-38-6) has been shown in some cases to cause skin sensitization.

See Section 2 for additional information.

Section 12 - Ecological Information

Ecological Fate	- No data available.
Persistence/Degradability	- No data available.
Bioaccumulation Potential	- No data available.
Mobility in Soil	- No data available.

Section 13 - Disposal Considerations

Product	- Not considered as hazardous waste by RCRA criteria (40 CFR 261). Dispose of waste material at an approved waste treatment facility in accordance with applicable local, state and national laws. Do not dispose of waste with normal garbage, or to sewer systems. Empty containers should be decontaminated and passed to an approved recycler.
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Section 14 - Transportation Information

Not regulated by the DOT, ICAO/IATA or IMDG.

Section 15 - Regulatory Information

SARA Hazard Classifications	- SARA Section 311/312 for 4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer CAS# 25068-38-6: Chronic Health Hazard SARA Section 313: No ingredients of this product are listed.
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Risk & Safety Phrases

- Warning: This product contains chemicals known to the state of California to be Carcinogenic.
- None

US EPA CERCLA Hazardous Substances (40 CFR 302)**SARA Section 302**

No ingredients of this product are listed.

TSCA (Toxic Substances Control Act) Regulations:

- All products are on the TSCA inventory

California Proposition 65

- This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

State Right To Know

Component	CAS	MA		NJ	PA
4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer	25068-38-6	No		No	No

Glossary:

ACGIH- American Conference of Governmental Industrial Hygienist
IARC- International Agency for Research on Cancer
MSHA- Mine Safety and Health Administration
NIOSH- National Institute for Occupational Safety and Health
NTP- National Toxicology Program
OSHA- Occupational Safety and Health Administration

Section 16 - Other Information

Last Revision Date - 9/5/2013

Prepared By - GG Inc.

Disclaimer/Statement of Liability - The manufacturer warrants only that its products meet the specifications stated in the sales contract. Typical properties, where stated, are to be considered as representative of current production and should not be treated as specifications. While all the information presented in this document is believed to be reliable and to represent the best available data on these products, NO GUARANTY, WARRANTY, OR REPRESENTATION IS MADE, INTENDED, OR IMPLIED AS TO THE CORRECTNESS OR SUFFICIENCY OF ANY INFORMATION, OR AS TO THE MERCHANTABILITY OR SUITABILITY OR FITNESS OF ANY CHEMICAL COMPOUNDS OR OTHER PRODUCTS OR THE USE THEREOF ARE NOT SUBJECT TO A CLAIM BY A THIRD PARTY FOR INFRINGEMENT OF ANY PATENT OR OTHER INTELLECTUAL PROPERTY RIGHT. THE USER SHOULD CONDUCT SUFFICIENT INVESTIGATION TO ESTABLISH THE SUITABILITY OF ANY PRODUCT FOR ITS INTENDED USE. Liability of manufacturer for all claims, whether arising out of breach of warranty, negligence, strict liability, or otherwise, is limited to the purchase price of the material. Products may be toxic and require special precautions in handling. For all products listed, the user should obtain detailed information on toxicity, together with proper shipping, handling, and storage procedures, and comply with all applicable safety and environmental standards. Toxicity and risk characteristics of chemical compounds and other products may differ when used with other materials or in a manufacturing or other process. Those risk characteristics should be determined by the user and made known to handlers, processors, and end users.