



# MATERIAL SAFETY DATA SHEET



## SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT:** RTC Epoxy Part B

April 13, 2010

Vishay Measurements Group, Inc.  
Post Office Box 27777  
Raleigh, NC 27611

919-365-3800

CHEMTREC 1-800-424-9300 (U.S.)  
703-527-3887 (Outside U.S.)

NOTE: CHEMTREC numbers to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.

## SECTION 2: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

CAS NUMBER	CHEMICAL IDENTITY	%
90-72-2	Tris-2,4,6-(Dimethylaminomethyl)	<18.0
71074-89-0	Bis(dimethylaminomethyl)phenol	<3.0
68611-50-7	Liquid Diethoxymethane Polysulfide Polymer	>80.0

## SECTION 3: HEALTH HAZARD DATA

### Routes of Entry:

**Inhalation:** Yes    **Skin:** Yes    **Ingestion:** Accidental

**Health Hazards (Acute and Chronic):** Repeated and/or prolonged exposures may result in nervous system disorders, adverse respiratory effects, adverse eye effects, muscular disfunction, adverse skin effects.

**Carcinogenicity:**    NTP:                    Not listed  
                                 IARC Monographs:    Not listed  
                                 OSHA Regulated:     Not listed

### Signs and Symptoms of Exposure:

**INHALATION:** Inhalation of vapors may cause irritation in the respiratory tract. Inhalation of aerosols or mists may severely damage contacted tissue and produce scarring.

**EYE CONTACT:** Burns of the eye may cause blindness. Contact of undiluted product with the eyes quickly causes severe irritation and pain and may cause burns, necrosis and permanent injury.

**SKIN CONTACT:** Contact of undiluted product with the skin quickly causes severe irritation and pain and may cause burns, necrosis and permanent injury. Product is absorbed through the skin and may cause malaise, discomfort, injury and death unless treated promptly.

**INGESTION:** May cause nausea, vomiting, pain and stomach upset. May cause burns to mouth, throat and gastrointestinal tract.

**Conditions Generally Aggravated by Exposure:** Asthma, chronic respiratory disease, eye disease, neurological disorders, skin disorders and allergies.

#### SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

**INHALATION:** Move patient to fresh air. If breathing has stopped or is labored, give assisted respiration (mouth-to-mouth). Supplemental oxygen may be indicated. Prevent aspiration of vomit. Turn victim's head to the side. Seek medical advice.

**EYE CONTACT:** Hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Seek medical advice.

**SKIN CONTACT:** Remove product and immediately flush affected area with water for at least 15 minutes. Remove contaminated clothing and shoes. Destroy contaminated leather apparel. Cover the affected area with a sterile dressing or clean sheeting and transport for medical care. Do not apply greases or ointments. Control shock, if present. Launder contaminated clothing prior to reuse.

**INGESTION:** In the event of ingestion, administer 3-4 glasses of milk or water. Do not induce vomiting. Seek medical advice.

#### SECTION 5: FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** >200°F (93.3°C)

**Flammable limits:** LEL: No data UEL: No data

**Extinguishing Media:** In case of a large fire, use water spray, alcohol foam. In case of a small fire, use carbon dioxide, dry chemical, dry sand or limestone.

**Special Firefighting Procedures:** Firefighters should wear full protective clothing and a self-contained breathing apparatus.

**Unusual Fire and Explosion Hazards:** May generate toxic or irritating combustion products (carbon monoxide gas, nitrogen oxide gas, ammonia gas). Sudden reaction and fire may result if product is mixed with an oxidizing agent.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Steps to be taken if material is released or spilled:** Stop leak if possible. Reduce vapor spreading with a water spray. Shut off or remove all ignition sources. Prevent spill from spreading. Mix with dry soil, sand, or non-reactive absorbent and place in appropriate container for disposal. Use appropriate personal protective equipment to prevent exposure.

## SECTION 7: EXPOSURE CONTROLS -- PERSONAL PROTECTION

**Respiratory Protection:** Not usually required under normal conditions in a well-ventilated workplace.

**Ventilation:** Local exhaust ventilation is recommended when vapors, mists or dusts can be released.

**Protective Gloves:** Neoprene or nitrile rubber gloves.

**Eye Protection:** Safety glasses, goggles, full-faceshield as needed depending on operation.

**Other Protective Clothing or Equipment:** Impervious clothing as needed to prevent contact.

**Work / Hygienic Practices:** Provide eyewash station and safety shower. Wash hands after using and before eating, drinking or smoking. Promptly remove clothing that has become contaminated. Discard contaminated leather articles. Launder or discard contaminated clothing.

## SECTION 8: HANDLING AND STORAGE

**Precautions to be taken in handling and storing:** Avoid contact with skin or eyes. Avoid breathing of vapors. Handle in well-ventilated work space. When handling, do not eat, drink or smoke. Keep away from acids, oxidizers. Keep in cool, dry, ventilated area.

**Other Precautions:** Wash thoroughly after use or handling and before eating, drinking or smoking. Emergency showers and eyewash stations should be readily available.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Boiling Point:</b>	Not Available
<b>Vapor Pressure (mmHg):</b>	Not Available
<b>Vapor Density (Air = 1):</b>	No data
<b>Specific Gravity (H<sub>2</sub>O = 1):</b>	0.97
<b>Melting Point:</b>	No data
<b>Evaporation Rate (BuAc = 1):</b>	No data
<b>Volatile Organic Compounds:</b>	Unknown
<b>Solubility in Water:</b>	<20%

**Appearance and Odor:** Straw yellow, mobile liquid with irritating odor.

**SECTION 10: STABILITY AND REACTIVITY DATA**

**Stability:** Stable under normal conditions of use.

**Conditions to Avoid:** Sources of ignition.

**Incompatibility (Materials to Avoid):** Mineral acids, organic acids, oxidizing agents, sodium or calcium hypochlorite.

**Hazardous Decomposition or By-products:** Nitrogen oxide, carbon monoxide, carbon dioxide, ammonia.

**Hazardous Polymerization:** Will not occur.

**SECTION 11: TOXICOLOGICAL INFORMATION**

Tris-2,4,6-(Dimethylaminomethyl)

OSHA PEL:	Not listed
ACGIH TLV:	Not listed
OTHER:	ORAL (Rat) LD <sub>50</sub> 1670 mg/kg SKIN (Rabbit) LD <sub>50</sub> 1400 mg/kg

**SECTION 12: DISPOSAL CONSIDERATIONS**

**Waste Disposal Method:** Dispose of in accordance with local, state, and federal environmental regulations.

**SECTION 13: TRANSPORTATION INFORMATION**

SHIPPING NAME	CLASS PACKING GROUP	UN NUMBER
Toxic Liquid, Organic, N.O.S. (Dimethylaminomethyl)	6.1	III 2810

**SECTION 14: REGULATORY INFORMATION**

**SECTION 313 SUPPLIER NOTIFICATION:**

This product contains a toxic chemical or chemicals (as listed below) subject to the reporting requirements of Section 313 Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372.

CAS NUMBER	CHEMICAL NAME	% BY WEIGHT
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None listed.

**TSCA NOTIFICATION:**

All components of this product are listed in the Toxic Substance Control Act Chemical Substance Inventory (TSCA).

<b>SECTION 15: OTHER INFORMATION</b>
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To the best of our knowledge, the information provided above meets the requirements of the United States Occupational Safety and Health Act and regulations established under 29 CFR 1910.1200 (g)(2)(c)(1)-(4) for a mixture of hazardous chemicals which has not been tested as a whole. The data provided on this Material Safety Data Sheet is from manufacturers of the original components. Micro-Measurements specifically disclaims any and all form of liability and/or responsibility for the application of this product.