



# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION OF MATERIAL AND SUPPLIER

<b>Material/Trade Name</b>	<b>MULTIFILLA EPOXY</b>
<b>Material Type</b>	Epoxy Adhesive
<b>Company</b>	Republic Chemical Industries, Inc.
<b>Address</b>	731 Aurora Boulevard, Quezon City, 1112 Philippines
<b>Telephone</b>	+63 2 721 5781 to 86
<b>Fax</b>	+63 2 727 5095
<b>Website</b>	www.repchem.com

## 2. COMPOSITION/INFORMATION INGREDIENTS

Chemical Identity	CAS No.	%
Liquid Epoxy Resin Based on Epichlorohydrin and Bisphenol A	Unknown	30
Cycloaliphatic Amine Resin	Unknown	9
Limestone	471-34-1	50
Monoethylene Glycol	107-21-1	1
Amorphous Filler	112926-00-8	9
Pigment	1309-37-1	1

## 3. HAZARDS IDENTIFICATION

<b>Slightly Toxic By Inhalation:</b>	Can cause irritation of respiratory tract. Overexposure to fumes May cause delayed lung damage and chemical pneumonia.
<b>Skin Irritation/Corrosion</b>	: May cause severe irritation. May be corrosive on prolonged contact
<b>Eye Damage/Irritation</b>	: Can be corrosive to eye tissue leading to permanent damage and even blindness.
<b>Toxic when ingested</b>	

## 4. FIRST AID MEASURES

<b>Eye or Skin contact:</b>	Flush thoroughly with plenty of water.
<b>Inhalation:</b>	Move to fresh air and if there are adverse reactions, call a physician.

**Ingestion:**

Do not induce vomiting, immediately drink a large quantity of milk or water and call a physician.

**5. FIRE FIGHTING MEASURES**

**Extinguishing Media**                      Foam, dry chemical or carbon dioxide

**Special Fire fighting Procedure**      Fire fighters should wear self-contained breathing Apparatus

**6. ACCIDENTAL RELEASE MEASURES****Action to take for spills/ leaks:**

Soak up in absorbent material such as sand and collect in suitable container.

Flush area with plenty of water.

Wear adequate personal protective clothing and equipment.

Keep out of irrigation ditches, sewers and water supplies.

**Disposal Method:**

Do not dump into any sewers, on the ground or into any body of water.

Dispose in an approved chemical waste landfill.

Disposable method must be in compliance with all Federal, State/Provincial and local laws and regulations.

**7. HANDLING AND STORAGE****Handling:**

Avoid use of electric band heaters. Application of direct flame to a container of Component A can also cause explosion and/or fire.

**Storage:**

Recommended pumping and storage temperature is 60°C (140°F).

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Ventilation requirement:**      Local exhaust

**Eye / face protection:**              Use safety glasses

**Skin protection:**                      Use long sleeved- protective clothing, face shield, gloves, boots. Remove contaminated clothing immediately, wash skin with soap and water, and launder clothing before use.

**Respiratory protection:**              Respirator with organic vapor cartridge.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Component A – gray  
                    Component B – light beige

Consistency: Thixotropic

Solids Content : 100%

Pot Life, 2:1 pbv : 35 – 35 minutes

Hardness, shore D : 75 minimum

Slump@40°C : Nil

Flash Point: Component A & B – >150°C

#### **10. STABILITY AND REACTIVITY**

Stable under recommended storage condition. See storage, section 7.  
Potentially violent decomposition can occur above 350°C (662°F).  
Generation of gas during decomposition can cause pressure in closed systems.  
Avoid contact with oxidizing materials, acids and bases, and amines.

#### **11. TOXICOLOGICAL INFORMATION**

Repeated skin contact may possibly cause dermatitis. May be harmful or cause irritation of respiratory tract if inhaled in large amount or for prolonged periods. Overexposure to fumes and vapor may cause lung damage and chemical pneumonia.

#### **12. ECOLOGICAL CONSIDERATION**

Not determined.

#### **13. DISPOSAL CONSIDERATIONS**

Do not dump into any sewers, on the ground or into any body of water.  
Dispose in an approved chemical waste landfill.  
Disposable method must be in compliance with all Federal, State/Provincial and local laws and regulations.

#### **14. TRANSPORT INFORMATION**

Not considered hazardous for the purpose of transportation.

#### **15. REGULATORY INFORMATION**

SARA 313 information: To the best of our knowledge, this product contains no chemical subject to SARA Title III Section 313 supplier notification requirements.

#### **16. OTHER INFORMATION**

None