



MATERIAL SAFETY DATA SHEET

DURASTEEL EPOXY

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

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

2. COMPOSITION/INFORMATION INGREDIENTS

Chemical Identity	% Weight	CAS No.
Liquid Epoxy resin based on Epichlorohydrin and Bisphenol A	15	25085-99-8
Mercaptan Terminated polymer	15	33007-83-9
2,4,6-Tris(dimethylaminomethyl)Phenol	2	90-72-2
Nonyl Phenol	5	25154-52-3
Calcium Carbonate	55	471-34-1
Barium Sulfate	5	7727-43-7
Iron Oxide	3	7439-89-6

3. HAZARDS IDENTIFICATION

Inhalation

Slightly toxic.
Can cause irritation of respiratory tract.
Overexposure to fumes or vapor may cause delayed lung damage and Chemical pneumonia.

Skin Contact

May cause severe irritation; may be corrosive on prolonged contact.

Skin Absorption

Slightly toxic.

Eye Contact

Can be corrosive to eye tissue leading to permanent damaged.

Ingestion

Toxic.

4. FIRST AID MEASURES

Eye or Skin contact

Flush thoroughly with plenty of water.

Inhalation

Move to fresh air and if there are adverse reactions, call a Physician.



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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

Wear full protective equipment including self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

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.

Disposal method must be in compliance with federal, State/Provincial and local law and regulations.

7. HANDLING AND STORAGE

Handling

Protect from heat and direct sunlight.

Storage

Practice caution and good personal cleanliness to avoid skin and eye contact. Avoid vapors of heated material.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection

Safety goggles/glasses.

Respiratory Protection

If respiratory irritation is experienced, use an approved air-purifying respirator.

Skin Protection

Use protective clothing impervious to this material.

Remove contaminated clothing immediately, wash skin with soap and water.

Ventilation

Good general ventilation should be sufficient for most condition.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color

Part A – black; Part B - beige

Consistency

Soft paste

Solids Content

100%

Pot Life

10-15 minutes



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10. STABILITY AND REACTIVITY
Stability and Reactivity Stable Hazard Polymerization Will not occur by itself
11. TOXICOLOGICAL INFORMATION
Skin and Eye irritation Irritating to eyes and skin. Sensitizing May cause sensitization by skin contact.
12. ECOLOGICAL CONSIDERATION
Not determined.
13. DISPOSAL CONSIDERATIONS
Dispose of in accordance with local and national regulations. Dispose in an approved chemical waste landfill.
14. TRANSPORT INFORMATION
Not considered dangerous 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.
6. OTHER INFORMATION
None