

Material Safety Data Sheet

APCOFLOR EPOXY PUTTY

Base & Hardner

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY :

Product Name : Apcoflor Epoxy Putty
 Product Type : Epoxy Filler
 Supplier : Berger Paints Emirates Limited
 P O Box 27524
 Dubai, UAE.
 Telephone Number : 00-9714-3391000
 Emergency Telephone Number : 00-9714-3391078

2. COMPOSITION/INFORMATION ON INGREDIENTS :

	<u>Weight %</u>	<u>CAS Number</u>	<u>LEL Vol %</u>	<u>ACGIH TLV-TWA</u>
• Epoxy Resin	< 25	25068-38-6		1-10 mg/L
• Polyamine Resin	< 25			
• Titanium Dioxide	< 10	13463-67-7	NA	10 mg/m ³
• Crystalline Silica	< 25	14808-60-7	NA	0.1 mg/m ³
• Talc	< 25	14807-96-6	NA	2.0 mg/m ³
• Blanc Fixe	< 10	7727-43-7	NA	6.0 mg/m ³

3. HAZARDS IDENTIFICATION :

- Hazards identification of the preparation :
 - R-10 : Flammable
 - R-20/21 : Harmful by inhalation and in contact with skin
 - R-38 : Irritating to skin

4. FIRST AID MEASURES :

General : Remove contaminated clothing
 First Aid - Inhalation : Remove to fresh air. If rapid recovery does not occur, obtain medical attention.
 First Aid - Skin : Remove contaminated clothing immediately. Wash skin thoroughly with soap and water.
 First Aid - Eye : Irrigate copiously with clean, fresh water for atleast 10 minutes, holding the eye lids apart and seek medical advice.
 First Aid - Ingestion : Do not induce vomiting. Obtain immediate medical attention.

5. FIRE FIGHTING MEASURES :

Specific hazards : Fire will produce dense, black smoke, inhalation of decomposition products may cause serious health hazards.
 Extinguishing media : Water spray - mist, foam, dry chemical powder, carbondioxide, sand.
 Unsuitable extinguishing media : Water in a jet.

6. ACCIDENTAL RELEASE MEASURES :

- Personal precautions : Avoid contact with skin and eyes. Do not breathe vapour. Extinguish naked flames. Remove ignition sources, Avoid sparks.
- Personal protection : Wear PVC gloves, safety boots. Wear full face - place respirator with organic vapour canister NPF 400. In a confined space, wear self-contained breathing apparatus open circuit type NPF 2000.
- Environmental precautions : Prevent contamination of soil and water.
- Processing for Cleaning/ Collecting : Contain and collect spillage with non-combustible absorbent materials, e.g., sand, earth or spill control material and place in a container for disposal according to local regulation.

7. HANDLING AND STORAGE :

Avoid prolonged or repeated contact with skin. Do not breathe vapour, spray/mists. Extinguish any naked flames. Remove ignition sources. Avoid spark. Do not smoke. Take precautionary measures against static discharges.

- Handling temperature : Ambient
- Storage : Keep container tightly closed and in a well ventilated place. Keep away from direct sunlight and other sources of heat or ignition. Do not smoke in storage areas.
- Storage temperature : Ambient.

8. EXPOSURE CONTROL/PERSONAL PROTECTION :

- Engineering Control Measures : Use only in well ventilated areas.
- Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
- Hand protection : PVC Gloves. Barrier creams may help to protect the exposed areas of the skin.
- Eye protection : Use safety eyewear designed to protect against splash of products.

9. PHYSICAL AND CHEMICAL PROPERTIES :

- Physical status : Viscous Paste
- Odour : Amine odour
- Safety related information : Value
- Flash Point : Not Applicable
- Ignition temperature : > 350°C
- Initial Boiling Point : Not applicable
- Vapour Density (Vs Air) : Not applicable
- Evaporation Rate (vs.n-Bu.Acetate) : Not applicable
- Density at 25°C : 1.82 - 1.9 Gm/cc
- Solubility in water : Negligible

10. STABILITY/REACTIVITY :

- Stability : Stable under normal conditions.
 Conditions to avoid : Heat, flames and sparks, Caustic soda induce a vigorous polymerisation at a temperature around 200°C.
 Materials to avoid : Strong Oxidising agents. Caustic Soda.
 Hazardous decomposition products : Unknown.

11. TOXICOLOGICAL INFORMATION :

- Basis for assessment : This product was not tested but the information given is based on the known toxicological data of the constituents.
 Acute toxicity - oral : LD 50 expected to be > 200 mg/kg based on Xylene
 Acute toxicity - dermal : LD 50 expected to be > 200 mg/kg based on Xylene
 Eye irritation : The liquid splashed in the eyes may cause irritation.
 Skin irritation : Irritant.

12. ECOLOGICAL INFORMATION

- : Avoid contamination of earth, rivers, lakes of sewages.
 Water contamination class : 2 (self classification).

13. DISPOSAL CONSIDERATIONS :

The generation of waste should be avoided or minimized wherever possible. Waste product residues should not be disposed of via the sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way.

14. TRANSPORT INFORMATION :

Transport to be in accordance with ADR/RID for road/rail, IMDG for sea and IATA for Air.

LAND TRANSPORT

Classified as Dangerous Goods by the criteria of the European Agreement concerning the international carriage of Dangerous Goods (ADR) by Road & Regulations concerning the international carriage of Dangerous goods (RID) by Rail.

- UN Number : 1263
 Packing Group : III
 Proper shipping name : Paint

SEA TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport of Sea

- UN Number : 1263
 IMCO Class : 3
 Packing Group : III
 Proper shipping name : Paint
 Marine Pollutant : Yes

AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by Air

UN Number : 1263
Packing Group : III
Proper shipping name : Paint

15. REGULATORY INFORMATION :

- EC Classification : Flammable, Harmful
Contains :
- EC Risk Phrases
R-10 : Flammable
R-20/21 : Harmful by inhalation and in contact with skin
R-38 : Irritating to skin
- EC Safety Phrases
S 24 : Avoid contact with skin
S 25 : Avoid contact with eyes
S 36/37 : Wear suitable protective clothing and gloves
S 51 : Use only in well ventilated areas.

16. DISCLAIMER :

This information is based on our current knowledge and is obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding the correctness. This information is extended to describe the product for the purposes of health, safety and environmental requirements only. The conditions or methods of handling, storage, use or disposal of the product are being our control. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage connected with the handling, storage, use or disposal of the product.

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