

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCTS / IDENTIFICATION OF SUBSTANCE

PRODUCT NAME: Sealbond Epoxy Cement Mortar
PRODUCT CODE: ECM-801
PRODUCT TYPE: Epoxy Resin / Cementitious / Flooring Applications

2. COMPOSITION / INFORMATION ON INGREDIENTS

COMPOSITION	Concentration
Epoxy Resin	More than 50%
Glycidyl Ether	2.50%-10%

3. PHYSICAL PROPERTIES

Physical State(Part A, B, C)	Liquid ; Liquid ; Cementitious
Color (mixed A,B,C)	Cement Gray
Odor	Strong Aromatic
Ph	Approx 8
Flash Point	Does not cause to ignite
Solubility – Water	Miscible

4. HAZARDS IDENTIFICATION

Irritating to Eyes and Skin
May cause sensitization by skin contact
Toxic to aquatic organisms, may cause long term-adverse effects in the aquatic environment

5. FIRST AID MEASURES

INHALATION

Take person out of the contaminated area. Remove patient to fresh air.
Call a doctor immediately.

SKIN CONTACT

Wash in soap and water and rinse with water.
Take off all contaminated clothing.

EYE CONTACT

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Never use solvent.
If irritation continues, see an ophthalmologist.

INGESTION

Give lukewarm water to drink. Do not induce vomiting.
Do not make the victim drink milk or fatty fluids.
If swallowed, seek immediate advice and show container or label to the doctor.

PROTECTION OF FIRST AIDERS

NOTE TO PHYSICIAN

OTHERS

Call a doctor in case of doubt or if symptoms persist.
If unconscious, place in recovery position and seek medical advice.

6. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA**SUITABLE**

Dry powder.

Foam.

Carbon dioxide.

NOT SUITABLE

Water jet.

SPECIFIC HAZARDS

Toxic vapours.

SPECIFIC METHODS

Cool the container with water when exposed to fire.

Eliminate all sources of combustion.

PROTECTION OF FIRE FIGHTERS

In case of fire and/or explosion do not breath fumes.

7. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Avoid inhaling vapors.

Keep away from fire and sparks.

Workplace ventilation.

SPECIAL PROTECTIVE MEASURES

Water protective equipment.

Refer to protective measures listed in sections 7 and 8.

ENVIRONMENTAL PRECAUTIONS

Discharge in sewer prohibited.

Absorb with inert material (vermiculate, sand) and collect in closed containers.

If the product contaminates lakes, rivers or sewers, inform appropriate authorities in accordance with local regulations.

METHOD OF CLEANING UP RECOVERY

Collect spillages.

Absorb with sand or sawdust.

Collect the product in a container pending future destruction.

NEUTRALIZATION**DISPOSAL**

Use authorized discharger or burn in approved installation.

Do not discharge in sewers.

Consult local waste disposal authorities.

8. HANDLING AND STORAGE

HANDLING

Avoid contact with skin.

Avoid contact with eyes.

TECHNICAL MEASURES**PREVENTION OF WORKER EXPOSURE**

Handle with care using hand and eye protection.

When using, workplace ventilation is required – NO SMOKING

Comply with the Health and Safety work laws.

PREVENTION OF FIRE AND EXPLOSION

Keep away from sources of ignition – NO SMOKING

SAFE HANDLING ADVISES**STORAGE**

Do not keep for prolonged periods of time.

Keep container tightly closed.

Keep away from food, drink and animal feeding stuffs.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE : N.A. Vapor Density : Is heavier than air
ODOR : Characteristic Odor Threshold : NE
APPEARANCE : Viscous Liq. Evaporation rate: Is slower than Ether
SOLUBILITY IN H₂O: Negligible
FREEZE POINT : NE
VAPOR PRESSURE : NE
PHYSICAL STATE : Liquid
COEFFICIENT OF WATER/OIL DISTRIBUTION: NE

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Heat, Flame, Contaminants. Do not mix with Hardener Component and leave unattended. Considerable heat and smoke may evolve creating Hazardous conditions.

INCOMPATIBILITY: Strong Oxidants. Strong Acids. Strong Alkalis.

HAZARDOUS DECOMPOSITION PRODUCTS: Burning will produce toxic fumes. Oxides of carbon. Other Toxic Organic substances may be formed.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

11. TOXICOLOGICAL PROPERTIES

No product or component toxicological information is available.

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Do not contaminate ponds, streams, or underground water supply. Prevent from entering sewers.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Follow all relevant local regulations. As manufactured, if this product is discarded, it would not be a hazardous waste as defined by RCRA. Empty drums may contain residue or fumes which are harmful. Do not weld, grind, or use cutting torches on empty drums. Although this product would not be a RCRA Hazardous waste if disposed, landfill disposal may present long term environmental Hazards.

14. TRANSPORT INFORMATION

DOT Proper Shipping Name: Plastic Liquid material, NOI
DOT Technical Name: NA
DOT Hazard Class: Not Regulated Hazard subclass: NA
DOT Un/NA number: NA Packing Group: NA Resp. Guide Page

15. REGULATIONS

Product related hazard information:

The product has been classified and marked in accordance with directives on hazardous materials.

Hazard symbols:

Xi Irritant

N Dangerous for the environment

Hazard-determining components of labelling:

reaction product: bisphenol-A-(epichlorhydrin) epoxy resin
Irritating to eyes and skin.
May cause sensitisation by skin contact.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases:

Avoid contact with skin and eyes.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After contact with skin, wash immediately with plenty of ... (to be specified by the manufacturer).

Do not empty into drains.

Wear suitable gloves and eye/face protection.

If swallowed, seek medical advice immediately and show this container or label.

If swallowed, rinse mouth with water (only if the person is conscious).

Special labeling of certain preparations:

Contains epoxy constituents. See information supplied by the manufacturer.

Water hazard class: Water hazard class 2 (Self-assessment): hazardous for water.

16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.