

Safety Datasheet : Resi-Crete Texture / Structure Medium

1. Product Identification

Product Name Resi-Crete Texture / Structure Medium

Supplied by: Eli-Chem Resins U.K Ltd
Astra House, The Common, Cranleigh
Surrey, GU6 8RZ, United Kingdom

Composition

1.1. Chemical Description

Polymeric dispersion of a Styrene/Butadiene Pre-polymer, PPC and blend of multiple graded mineral aggregates.

1.2. Hazardous Ingredients

NONE - Not classified as hazardous.

2. Hazards Identification

Not hazardous. Can be an eye irritant. Possible dermatitis can result from long term contact with skin. Ingestion and inhalation can result in irritation.

3. First Aid Measures

Eye Contact : Irrigate with water for several minutes. Seek medical advice.

Skin Contact : Wash with water before product dries. Remove contaminated clothing.

Ingestion : May cause nausea. Do not induce vomiting. Drink plenty of water and seek medical advice.

Inhalation : If irritation occurs, remove to fresh air. In severe cases seek medical attention.

4. Fire Fighting Measures

Extinguishing Media.

Water, carbon dioxide or dry chemicals.

Hazardous Thermal Decomposition Products.

Product is water based and not flammable. Dry resin will burn producing carbon monoxide, carbon dioxide and sometimes oxides of nitrogen accompanied by dense black smoke.

Protection of fire-fighters : Full suit. Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus.

Accidental Release Measures

Personal Precautions :

Splash proof eye goggles, Respiratory equipment if in an enclosed area for prolonged periods, protective gloves required for long term contact.

Environmental precautions.

Do not wash into drains unless leading to a suitable effluent process.

Method of Cleaning : Absorb spillage of liquid component with additional sand or rags before emulsion dries.

5. Handling and Storage

5.1. Storage

Store in plastic drums or plastic lined steel drums. Do not use storage vessels of aluminium, copper or their alloys.

Store at a temperature above freezing in properly sealed drums.

Handling : Wear protective gloves, overalls and goggles. Observe good housekeeping practice. Keep work area well ventilated.

6. Exposure Controls/Personal Protection

Occupational Exposure

None set.

Personal Protection : Safety gloves, overalls and goggles.

7. Physical & Chemical Properties

7.1. Physical Data

Milky white liquid & dry cementitious polymer base powder.

Characteristics :

pH: +-11

Freezing point: N/A

Boiling Point: 100⁰C Melting point: N/A

Flash point: N/A

Explosive properties: N/A

Density: +- 1

Solubility: Fully miscable in water. Soluble in some alcohols, esters & aromatic solvents.

10. Stability and Reactivity

Conditions contributing to chemical instability: None under recommended conditions of storage.

Avoid: Extremes of temperature

Hazardous decomposition products: None.

Hazardous reactions: None

Special precautions: None.

8. Toxicological Information

8.1. Short Term Effects Eye Contact

No known effect.

Skin : No known effect.

Ingestion : No known effect.

Inhalation : No known effect.

8.2. Chronic Effects

No known effect.

12. Ecological Information

12.1. Aquatic Toxicity Rating

Low toxicity (<500mg/litre)

12.2. Biodegradability

The base polymer is slowly biodegraded.

13. Disposal Considerations

Dispose of product and packaging in accordance with local and national regulations.

Waste product should not be discharged in quantity directly into drains or waterways without treatment in a separation and biological treatment plant.

14. Transport Information

Classification for conveyance: Not required.

15. Regulatory Information

15.1. Chemicals (Hazard Information & Packaging) Regulations

None.

15.2. Risk Phrases

Not classified according to current EU regulations.

15.3. Safety Phrases

Not classified according to current EU regulations.