

Filler/Hardener component:
 Irritating to eyes.
 May cause sensitisation by skin contact.
 May cause fire.
 Contains dibenzoyl peroxide. May produce an allergic reaction.

4. FIRST AID MEASURES

SKIN CONTACT: Wipe off excess with absorbent disposable paper towels. Wash with plenty of soap and water. Do not use organic solvents.

EYE CONTACT: Rinse immediately with water for at least 15 minutes. Seek medical attention immediately.

INHALATION: Move affected person to fresh air. If recovery not rapid seek medical attention.

INGESTION: Immediately rinse mouth repeatedly with water. If swallowing has occurred do not induce vomiting. Seek medical attention immediately.

5. FIRE FIGHTING MEASURES

Suitable Extinguishers: Carbon dioxide, Foam and Dry powder. Do not use water. Fire fighters should wear breathing apparatus.

Exposure hazards

Do not release product into drains, soil or surface water. Sufficient measures must be taken to retain water used for extinguishing. Dispose of contaminated water and soil according to local regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Avoid contact with skin, eyes and clothing. Avoid breathing dust or vapours Avoid ignition sources.

Environmental Precautions

Prevent contamination of soil drains and surface water.

Methods for Cleaning

Take up with absorbent, dry inert material and place in a suitable and closable container for disposal by burning in an approved installation according to local regulations.

7. HANDLING AND STORAGE

Handling

Harmful, sensitising. Avoid vapour formation and ignition sources. Avoid raising dust. Ensure good ventilation. Do not eat or drink in workplace.

Storage

Store away from food and drink. Store in original undamaged containers securely closed.

Store at room temperature away from direct sunlight. Keep away from sources of

ignition. Keep away from oxidizing materials. Keep away from heat.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Technical Protective Measures

No special measures required

Exposure Limits

Occupational Exposure Limits 8 hour TWA (According to EH40/00)

Resin: contains styrene 100ppm (420mg/m³)

Short-term (according to EH40/00) (MEL-TWA) 15 minutes styrene 250ppm (1050mg/m³)

Filler/hardener: Total inhalable dust 10mg/m³
Respirable dust 5mg/m³
Diabenzoyl peroxide 5.0mg/m³

Respiratory Protection

Not normally necessary. Work in well ventilated area. Wear suitable vapour mask if working in confined spaces. Wear dust mask if there is risk of raising dust.

Hand Protection

Wear suitable gloves (solvent-proof).

Eye Protection

Wear suitable goggles or face protection. Contact lenses should not be worn.

Skin Protection

Wear impermeable overalls and closed footwear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Resin Component

The resin is a low viscosity flammable liquid.

Flash Point: 31oC.

Boiling Point: approx 145oC

Auto-Ignition Temperature: 490oC

Vapour Pressure: 6.52mb (652N/m²) at 20oC (styrene)

The filler/hardener is a fine powder.

10. STABILITY AND REACTIVITY

Stable under normal room temperature storage conditions avoid sunlight. Materials to avoid: Strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

Resin Component

Acute toxicity LD50: An oral LD50 in rats of 5g/Kg has been reported for styrene

LC50: Inhalation in rats 12mg/litre/4hr (styrene).

Skin Irritation: Irritating to skin. May cause sensitisation by skin contact
 Eye irritation: Irritating to eyes
 Inhalation: Harmful by inhalation. Concentrations above 100ppm may cause impairment of nervous system..

12. ECOLOGICAL INFORMATION

Prevent contamination of soil, drains or surface water. Styrene is harmful to aquatic organisms.
 No other specific information available.

13. DISPOSAL CONSIDERATIONS

Incineration in approved installation.
 Contaminated packaging material should be disposed of identically to the product itself.
 For easy disposal any unmixed resin and hardener can be mixed and allowed to cure.

Once fully cured Certite Resin Anchor Grouts can be disposed of as normal household waste. Uncontaminated packaging material should be treated as household waste or as recycling material.

14. TRANSPORT INFORMATION

RID/ADR: Resin solution Class 3
 Label 070
 IMDG-Code: Resin solution 3379 Class 3
 Label 070
 Marine Pollutant P
 Packing group 3.
 ICAO/IATA: UN ID No 1866 Resin Solution Class 3 Label 070 Packing group 3
 Flash Point: 31oC.

15. REGULATORY INFORMATION

Resin Component:
 Symbols: Xn
 Contains: Styrene (CAS No; 100-42-5)

R Phrases:

R10: Flammable
 R20: Harmful by inhalation
 R36/38: Irritating to eyes and skin
 R43: May cause sensitisation by skin contact.

S Phrases:

S2: Keep out of reach of children.
 S13: Keep away from food, drink and animal feeding stuffs.
 S23: Do not breath vapour.
 S28: After contact with skin, wash immediately with plenty of soap and water.
 S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical attention.
 S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

S51: Use only in well ventilated areas.

Filler/Hardener Component:

Symbol: None

Contains: <2% dibenzoyl peroxide. May produce an allergic reaction.

R Phrases:

R36: Irritating to eyes.

R43: May cause sensitisation by skin contact.

R7: May cause fire.

S Phrases:

S3/7: Keep container tightly closed in a cool place.

S14: Keep away from reducing agents (eg; amines), acids, alkalis and heavy metal compounds (eg; accelerators, driers, metal soaps).

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

S50: Do not mix with peroxide-accelerators or reducing agents.

16. OTHER INFORMATION

None

This safety sheet has been prepared in accordance with the provisions of the EC SDS Directive 91/155.