



MATERIAL SAFETY DATA

EDITION: 4 DATE: 23-Jan-07

1. PRODUCT

NAME: **weber.tec filler** (certite filler)

Chemical Nature

Comprises a liquid component of polyester resin (with characteristic sweet aromatic odour of styrene monomer) and a powder component of hardener containing benzoyl peroxide, fine fillers and some pigment.

Manufacturer

Weber

Saint-Gobain Weber Limited
Dickens House
Enterprise Way
Flitwick
Bedford.
MK45 5BY.

EMERGENCY TELEPHONE NUMBER. 08703 330070

2. COMPOSITION

Resin component: Unsaturated polyester resin in styrene. (Styrene CAS No.100-42-5) approx 45% wt.

EEC Symbol: Xn R Phrases: 10, 20, 36/38 & 43

Hardener component: contains silica flour (CAS No; 14808-60-7), benzoyl peroxide (CAS No.94-36-0), fine graded silica sands and some pigment.

EEC Symbol: Xn R Phrases: 36, 43 & 7

3. HAZARDS IDENTIFICATION

Resin Component:

Harmful by inhalation.
Irritating to eyes and skin
May cause sensitisation by skin contact
Flammable.
Flash Point 31°C.

Hardener Component:

Contains benzoyl peroxide. May produce allergic reaction.
Irritating to eyes.
May cause sensitisation by skin contact.
May cause fire.

4. FIRST AID MEASURES

SKIN	Wipe off excess with absorbent disposable paper towels.
CONTACT:	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. 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

Hardener is irritant, Resin is harmful & sensitising. Avoid raising dust. Avoid vapour formation and ignition sources. 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 oxidising 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, MEL 100ppm (420mg/m³)
 Short-term (according to EH40/00) (MEL-TWA)
 15 minutes styrene 250ppm (1050mg/m³)

Hardener:	Total inhalable dust	10 mg/m ³
	Respirable dust	4 mg/m ³
	Dibenzoyl peroxide	5.0 mg/m ³

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 a 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 PROPERTIESResin 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/m ²) at 20oC (styrene)

Hardener

A coarse powder containing sand, benzoyl peroxide and silica flour.

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATIONResin 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: May cause sensitisation when in contact with skin.

Eye irritation: Irritating to eyes.

Inhalation: Harmful by inhalation. Concentrations above 100ppm may cause impairment of nervous system.

Hardener Component

Skin Irritation: May cause sensitisation when in contact with skin.

Eye Irritation: Irritating to eyes.

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 Hong Kong Concrete can be disposed of as normal household waste. Uncontaminated packaging material should be treated as household waste or can be recycled.

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:

S23:	Do not breathe 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.

Hardener Component

Symbols:	Xi
Contains:	Benzoyl peroxide. May produce allergic reaction.

R Phrases:

R36:	Irritating to eyes
R43:	May cause sensitisation by skin contact
R7:	May cause fire.

S Phrases:

- S24: Avoid contact with skin.
S3/7: Keep container tightly closed in a cool place.
S14: Keep away from reducing agents (e.g. amines), acids, alkalis and heavy metal compounds (e.g. accelerators, driers and metal soaps).
S50: Do not mix with peroxide accelerators or reducing agents.
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.

16. OTHER INFORMATION

None

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