

POLYESTER RESIN (PE310 & PE410) - SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

Product name: TIMco PE 310 and PE 410 Polyester chemical mortar/chemical resin with styrene

Company: T.I.Midwood & Co Ltd
Green lane
Wardle
Nantwich
Cheshire CW5 6BJ

Tel: 01829 261111

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients: Styrene 10-30%
EINECS: 202-851-5 CAS: 100-42-5
[-] R10; [Xn] R20; [Xi] R36/38

3. HAZARDS IDENTIFICATION

Main hazards: Flammable; Harmful by inhalation; Irritant to eyes and skin.

4. FIRST AID MEASURES

Skin contact: Symptom: There may be irritation at the site of contact
Action: Wash immediately with plenty of soap and water. Remove contaminated clothing unless stuck to skin.

Eye contact: Symptom: There may be irritation and redness
Action: Bathe eye in running water for 15 minutes and consult a doctor immediately

Ingestion: Symptom: Nausea and stomach pain may occur.
Action: Do not induce vomiting. Consult a doctor immediately

Inhalation: Symptom: Shortness of breath and tightening of chest
Action: Remove casualty from exposure into well ventilated area. Consult doctor

5. FIRE FIGHTING MEASURES

Extinguishing media: Carbon Dioxide. Dry powder. [Suitable system for surrounding fire should be used]

Exposure hazard: Flammable. In combustion it emits toxic fumes

Fire fighting equipment: Wear self contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes

6. ACCIDENTAL RELEASE MEASURES

Environmental Hazards:	Do not discharge into sewers, drains or rivers
Personal precautions:	Refer to section 8
Clean Up procedures;	Absorb into dry earth or sand. Transfer to suitable, labeled and closed container for appropriate disposal.

7. HANDLING AND STORAGE

Handling:	Ensure sufficient ventilation to area. Avoid direct contact. Must be kept in original container.
Storage:	Cool dry place in original packaging. Keep away from sources of ignition

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients:	Styrene: WEL (8hr exposure limit): 430mg/m ³ . WEL (15 minute exposure level): 1080mg/m ³
Engineering measures:	Ensure sufficient ventilation of area
Skin:	Wear protective [impermeable] gloves and protective clothing
Eyes:	Wear safety goggles

9. PHYSICAL AND CHEMICAL PROPERTIES

State:	Paste
Odour:	Characteristic odour
Solubility:	Insoluble in water
Flash point;	32 °C
Relative density	1.7

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions
Conditions to avoid:	Direct sunlight, sources of ignition
Materials to avoid:	Strong oxidizing agents, strong acids, strong bases
Hazardous decomposition:	In combustion it emits toxic fumes

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients:	Styrene IVN MUS LD50 90mg/kg ORL MUS LD50 316mg/kg ORL RAT LD50 2650mg/kg
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12. ECOLOGICAL INFORMATION

Mobility: Insoluble in water

Environmental precautions: See also section 6

13. DISPOSAL CONSIDERATIONS

Disposal operations: D10 incineration

Disposal of packaging: Regulated landfill, or other suitable method for hazardous waste

NB: Local, Regional or National regulations may apply

14. TRANSPORT INFORMATION

ADR / RID: Labeling: Exempt C1 2.2.3.1.5

IMDG / IMO: Labeling: Exempt IMDG Code Clause 2.3.2.5

IATA / ICAO: UN no: 1866, Class: 3
Packaging group: III, packaging instructions: 310
Labeling: 3

15. REGULATORY INFORMATION

Hazardous:



Harmful

Risk phrases:

R10: flammable

R20: harmful by inhalation

R36/38: Irritating to eyes and skin

Safety Phrases:

S23: do not breathe vapour

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

Note:

The regulatory information given above only indicates the principle regulations specifically applicable to this product. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, regional and local regulations or provisions

