

MATERIAL SAFETY DATA SHEET

Issue Date: 27 June 2000

ID No. SE22 – 07

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This product IS a Designated Hazardous Substance when subjected to Worksafe Australia criteria.

COMPANY DETAILS

Company: **Peerless Emulsion Products Pty Ltd**
Address: 173 Grange Road, Fairfield, Victoria 3078 ACN 004 315 619
Telephone Number: (03) 9499 3161
Fax Number: (03) 9497 4456
Emergency Telephone Number: (03) 9499 3161 (Between 8.30am & 5 pm Weekdays)

IDENTIFICATION

Product Name: SAFESEAL
Other Names:
Manufacturer Code: SE22
Major Recommended Use: As a semi permanent seal for internal terrazzo, concrete, brick and slate flooring.
UN Number: 1866
Dangerous Goods Class & Subsidiary Risk:
(if applicable) 3.1
Hazchem Code: 3YE
Poisons Schedule Number: S5

PHYSICAL DESCRIPTION / PROPERTIES

Appearance: Water white liquid with aromatic solvent odour.
Boiling Point (@760mm Hg): 110 - 111⁰ C
Vapour Pressure (mm Hg): Not Applicable
Percent Volatiles: Approx. 81 - 83%
Specific Gravity: 0.912 ± 0.005
Flashpoint (°C): 7⁰ C
Flammability Limits: Upper 7.1% Lower 1.2% (for toluene)
Solubility in Water: Insoluble
Other properties: Coverage 8 – 10 m² / L

Ingredients

| <u>Chemical Entity</u> | <u>CAS No.</u> | <u>Proportion</u> |
|-----------------------------|----------------|-------------------|
| Toluene | 108 – 88 - 3 | 57% |
| Aromatic Petroleum Solvents | | Medium |
| Acrylic Resin | | Medium |

(High > 60%) (Medium 10% - 60%) (Low <10%)

HEALTH HAZARD INFORMATION

Health Effects.

Swallowed: Harmful if swallowed. Tends to break into foam if patient vomits. Aspiration into lungs may lead to chemical pneumonitis.

Eye: Mildly irritating to the eyes.

Skin: Mildly irritating due to defatting nature. Prolonged or repeated contact may lead to dermatitis

Inhaled: Harmful by inhalation/ Prolonged exposure to vapours may cause somnolence and narcosis.

First Aid:

Swallowed: If swallowed, do NOT induce vomiting. Give a glass of water and immediately contact a Doctor or the Poisons Information Centre. Phone 131126.

Eye: Hold eyelids open and flood with water for at least 15 minutes & see a Doctor.

Skin: Remove contaminated clothing, wash affected area with soap & water.

Inhaled: Remove to fresh air and seek medical advice. . If breathing stopped, give artificial respiration and seek urgent medical advice.

Advice to Doctor: Treat symptomatically and consult the Poisons Information Centre. Phone 13 11 26

PRECAUTIONS FOR USE.

Exposure limits: TLV 100ppm for toluene.
LD50 (Human) 50mg/kg for toluene.

Ventilation: If ventilation is not sufficient to maintain airborne vapours below the exposure limit, mechanical explosion proof extraction ventilation, or an approved organic vapour respirator is required.

Personal Protection: Avoid contact with skin and eyes. Do not breathe vapour. Splash proof goggles, coveralls and viton gloves are recommended when handling. In confined poorly ventilated areas an approved organic vapour respirator must be worn.

Flammability: Highly flammable
Keep away from heat, sparks or naked flames and other sources of ignition. No Smoking. Take precautionary measures against static discharge.

SAFE HANDLING INFORMATION

Storage and Transport: **Storage:** Store in well ventilated areas. Store away from heat or ignition sources, and strong oxidizing agents.
Transport: Transport in accordance with "The Australian Code for the Transport of Dangerous Goods by Rail or Road", for Class 3.1 chemicals

Spills and Disposal: Do not empty into drains.
Spills- Eliminate all ignition sources. Remove leaking containers to detached area. Cover spill with absorbent material and pick up to sealable container for disposal to an approved hazardous waste facility.

Fire/Explosion Hazard: Extinguish small fires with Foam, Dry Chemical or CO₂.
Can readily form flammable mixtures at or above Flash Point (7°C).
Fire fighters must use self-contained breathing apparatus in confined or poorly ventilated spaces. Cool intact storage drums with water spray.

Other Information:

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Contact Point: Stewart Short
Chief Chemist (03) 9499 3161.

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