

permaflex b resin

Material Safety Datasheet Issue 1.0
24/01/2012

1. Identification of the substance and company

Product name – Permaflex B Gun Grade Resin

Permaban Ltd, Mill Close, Lee Mill Industrial Estate, Ivybridge, Devon PL21 9GL
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2. Composition / Information on Ingredients

Hazardous Ingredients	Conc.	CAS No	EINECS	Symbols	R Phrases
alpha-(2-aminomethylethyl)-omega-(2-aminoethylethoxy)-poly(oxy(methyl-1,2-ethanediy))	1-10%	9046-10-0		C	R34

3. Hazards Identification

Main hazards:

no significant hazard.

4. First Aid Measures

Skin contact:

Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

Eye contact:

Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Inhalation:

Move the exposed person to fresh air. Seek medical attention.

Ingestion:

If swallowed, seek medical advice immediately and show this container or label. Drink 1 to 2 glasses of water. Ingest 300ml of activated charcoal. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person.

General information:

If you feel unwell, seek medical advice (show the label where possible).

5. Fire Fighting Measures

Extinguishing Media:

Carbon dioxide (CO2) Foam. Dry chemical. Water spray.

Fire Hazards:

Burning produces irritating, toxic and obnoxious fumes.

Protective Equipment:

Wear self-contained breathing apparatus.

6. Accidental Release Measures

Personal precautions:

Wear suitable protective equipment. Eliminate all sources of ignition. Keep personnel away from spill. Evacuate personnel to a safe area. Ensure adequate ventilation of the working area.

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Environmental:

Do not let product contaminate subsoil. Do not allow product to enter drains.

Clean up methods:

Remove mechanically; cover the remainder with wet, absorbent material (e.g. sawdust, chemical binder based on calcium silicate hydrate, sand). After approximately one hour transfer to waste container and do not seal (evolution of CO₂!).

7. Handling & Storage

Handling:

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Do not eat, drink or smoke in areas where this product is used or stored.

Storage:

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Do not store with food, feedstuffs, fertilizers and other sensitive materials.

8. Exposure Controls & Personal Protection

Engineering measures:

Ensure adequate ventilation of the working area.

Occupational exposure controls:

Keep away from food, drink and animal feedingstuffs.

Respiratory protection:

Wear suitable respiratory equipment when necessary. Suitable half mask respirator with filter P3 (EN 143)

Hand protection:

Rubber gloves. Chemical resistant gloves (PVC)

Eye protection:

Face shield. Safety glasses. Approved safety goggles.

Protective equipment:

Avoid contact with eyes and skin. Wash all contaminated clothing before reuse. Wear suitable protective equipment.

9. Physical and Chemical Properties

Description	Liquid
Colour	Grey
Odour	Slight
Flash point	240°C
Relative density	1.31

10. Stability and Reactivity

Stability:

Stable under normal conditions.

Conditions to avoid:

Heat, sparks and open flames.

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Materials to avoid:

Acids. Oxidising agents. Bases.

Hazardous decomposition products:

Carbon oxides. Isocyanides. Ammonia. Hydrogen cyanide. Nitrogen oxides.

11. Toxicological Information

Sensitization:

May cause sensitisation by inhalation and skin contact.

Repeated or prolonged exposure:

Prolonged or repeated exposure may cause irritation to skin and mucous membranes.

12. Ecological Information

Degradability:

Not readily biodegradable.

13. Disposal Considerations

General information:

Can be incinerated if in compliance with local and national regulations. Dispose of in compliance with all local and national regulations.

14. Transport Information

Further information:

The product is not classified as dangerous for carriage.

15. Regularity Information

Risk Phrases:

NSH - No Significant Hazard.

16. Other Information

Risk phrases:

R34 - Causes burns