

# permafex fs resin

Material Safety Datasheet Issue 1.0  
24/01/2012

## 1. Identification of the substance and company

Product name – Permafex FS Resin

Permaban Ltd, Mill Close, Lee Mill Industrial Estate, Ivybridge, Devon PL21 9GL  
Tel: +44 1752 895288 | Fax: +44 1752 690535

## 2. Composition / Information on Ingredients

Hazardous Ingredients	Conc.	CAS No	EINECS	Symbols	R Phrases
Alkoxlated amine.	10 - 20%	9046-10-0		Xi	R36

## 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.

### Environmental:

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

# permaflex fs resin

Material Safety Datasheet Issue 1.0

24/01/2012

## 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 CO<sub>2</sub>!).

## 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

<b>Description</b>	Liquid
<b>Colour</b>	Cream
<b>Odour</b>	Slight
<b>Relative density</b>	1.01

## 10. Stability and Reactivity

### Stability:

Stable under normal conditions.

### Conditions to avoid:

Heat, sparks and open flames.

### Materials to avoid:

Acids. Oxidising agents. Bases.

### Hazardous decomposition products:

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

# permaflex fs resin

Material Safety Datasheet Issue 1.0  
24/01/2012

## 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

**Ecotoxicity:**

No data available on this product.

**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:**

R36 - Irritating to eyes.