



**GRANWAX**  
Products Limited

# MATERIAL SAFETY DATA SHEET

Product name: **Polysolve**

Reviewed date: September 2009

Reviewed by MC

## 1. Identification of substance

Substance: **Polysolve**  
Supplier: Granwax Products Limited  
West Street  
Riddings, Alfreton  
Derbyshire DE55 4EW  
Telephone: 01773 541177 Fax: 01773 541429  
This revision: September 2009

## 2. Composition/Data on components

*Composition and classification of potentially hazardous components.*

<u>Component</u>	<u>Concentration range</u>	<u>Classification</u>	<u>Risk Phrase</u>
Methoxy propyl acetate CAS No. 108-65-6	approx 25%	Flammable, Irritant	R10-36
High boiling aromatic hydrocarbon Solvents CAS No. 64742-95-6	approx 30%	Flammable, Harmful	R10-37-51 R53-65

*Occupational exposure limits:*

Methoxy propyl acetate                      274mg/m<sup>3</sup>    8 hour TWA sk  
High boiling aromatic hydrocarbon        150mg/m<sup>3</sup>    8 hour TWA

*From HSE Doc. EH 40/2008 and manufacturers information*

## 3. Hazards identification

Flammable and Harmful, the following risk phrases apply: R10 Flammable liquid, R20-21 Harmful by inhalation and contact with the skin, R65 Harmful may cause lung damage if swallowed

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## 4. First aid measures

**Skin exposure:** If soreness or irritation occurs as the result of skin exposure, wash the affected area with soap or mild detergent and water. Remove contaminated clothing. If symptoms persist seek medical advice. Prolonged or repeated contact may cause short term irritation, de-fatting of the skin and could cause dermatitis.

**Eye splashes:** If the material is splashed into the eye, wash the affected eye with clean running water for at least 15 minutes. Seek medical advice.

**Swallowing (ingestion):** If material is accidentally swallowed, do not make patient vomit, seek medical advice. This information should be taken with the patient when seeking medical advice.

**Inhalation;** Move patient to fresh air. If patient is unconscious, place in the recovery position and seek medical help immediately. Do not give patient anything to drink.

## 5. Fire fighting measures

Use dry powder, CO<sub>2</sub> or foam. Do not use water.

Breathing apparatus and full protective clothing should be worn by firefighters as toxic fumes will be released during burning.

Closed containers may explode when exposed to extreme heat, or burst when contaminated with water.

## 6. Accidental release measures

Spillages should be contained with a non-combustible absorbent material and collected for disposal in accordance with the local regulations. Do not place in sealed containers.

Remove sources of ignition and ventilate the area.

Spillages should not be allowed to run to surface waters or into pits or basements

## 7. Handling & storage

Store in cool dry well ventilated area and away from sources of ignition.

All chemical preparations should be stored securely where they cannot be interfered with or used by unauthorised persons.

## 8. Exposure controls & personal protection

**Respiratory protection:** provide sufficient ventilation during use if the OES is likely to be exceeded an approved respirator should be used.

**Hand protection:** wear rubber gloves to EN374-3. Suitable overalls should be worn.

**Eye protection:** Safety goggles or eye shield should be worn to protect from splashes or droplets.



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## 9. Physical and chemical properties

Appearance:	Clear Liquid	Odour:	Solvent
pH:	Not Applicable	Boiling point / range:	No Data
Melting point / range	Not Applicable	Flash point:	40 deg.C
Flammability	Flammable	Autoflammability:	400 deg.C
Explosive properties	None	Oxidising properties:	none
Vapour pressure	Not known	Relative density:	Approx. SG 0.98
Solubility	Insoluble	Partition coefficient: n-octanol / water	100%

## 10. Stability and reactivity

This preparation is generally unreactive. Avoid strong oxidising agents, amines and alcohols.

## 11. Toxicological information

The product is of moderate general toxicity.  
This preparation may cause irritation to the eyes, mucous membranes and skin.  
Prolonged contact may cause drying of the skin and dermatitis.  
None of the components are mutagenic or carcinogenic.  
None of the components have been classed as toxic for reproductivity.

## 12. Ecological information

Components present are classified as harmful to the environment. The exact ecological effects are unknown but the solvents present are marine pollutants.

## 13. Disposal considerations

This product is classified as special waste. Any surplus or waste arising from the normal use of this product must be disposed of in accordance with the special waste regulations.

## 14. Transport information

UN:1263 IMDG Class:3.3 Packing group III ADR3  
Proper Shipping Name: PAINT or PAINT RELATED MATERIAL



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## 15. Regulatory information

This preparation must carry a Harmful symbol and the following Risk Phrases or text:

R10 – Flammable Liquid, R20/21- Harmful by inhalation and contact with the skin,

R65- may cause lung damage if swallowed, S2 keep out of the reach of children,

S43- In case of fire use dry powder . Never use water.

S24/25- Avoid contact with skin and eyes.

S62 – if swallowed do not induce vomiting. Seek medical advice immediately and show the container or label

## 16. Other information

No other safety information is applicable to the use of this preparation for its intended purpose