



**GRANWAX**  
Products Limited

# MATERIAL SAFETY DATA SHEET

Product name: **Barrier Seal**

Reviewed date: September 2009

Reviewed by MC

## 1. Identification of substance

Substance: **Barrier Seal**  
Supplier: Granwax Products Ltd  
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>
Ethanol CAS No. 64-17-5	Approx.75%	Highly Flammable

*Occupational exposure limits:*

Ethanol Occupational Exposure Standard 1920 mg/m<sup>3</sup> 8 hour TWA  
From HSE Doc. EH 40/2007.

## 3. Hazards identification

This preparation is classified as HIGHLY FLAMMABLE, the following risk phrase applies;

R11 – Highly Flammable Liquid

## 4. First aid measures

**Skin exposure:** If soreness or irritation occurs as the result of skin exposure, wash the affected area with clean running water for at least 15 minutes. If symptoms persist seek medical advice.

**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.



**GRANWAX**  
Products Limited

# MATERIAL SAFETY DATA SHEET

Product name: Barrier Seal

Reviewed date: September 2009

Reviewed by MC

## 5. Fire fighting measures

Use carbon dioxide, dry powder or foam extinguishants only. Do not use water.  
Fire will produce dense black smoke containing hazardous combustion products .

## 6. Accidental release measures

Remove all potential sources of ignition.  
Spillages should be contained with a non-combustible adsorbent material and collected for disposal in accordance with the local regulations.  
Spillages should not be allowed to run to surface waters.  
Spillages should not be allowed to enter basements or pits where flammable vapours may collect and form an explosive atmosphere.

## 7. Handling & storage

Store away from sources of heat or ignition. All chemical preparations should be stored securely where they cannot be interfered with or used by unauthorised persons.

## 8. Exposure controls & personal protection

As with any solvent based product, prolonged exposure of the skin may cause irritation and dermatitis. Rubber or latex gloves should be used to protect the hands during use and suitable work-wear or overalls should be used to protect clothing and skin.  
As with all solvent based products, approved eye protection should be used when handling this material.

## 9. Physical and chemical properties

Appearance:	Brown liquid	Odour:	medicinal
pH:	Not applicable	Boiling point / range	78.5 deg.C
Melting point / range	Not applicable	Flash point	below 12 deg. C
Flammability	Highly Flammable	Autoflammability	no data
Explosive properties	Lower limit 3.3% Upper limit 19%	Relative density	approx SG 0.9
Oxidising properties	None		
Vapour pressure	not known		
Solubility	partially miscible		
Partition coefficient: n-octanol / water	no data		

# MATERIAL SAFETY DATA SHEET



Product name: Barrier Seal

Reviewed date: September 2009

Reviewed by MC

## 10. Stability and reactivity

This preparation is stable and generally unreactive  
Avoid contact with strong oxidising agents, alkalies, acids and heat

## 11. Toxicological information

The product is of moderate general toxicity.  
This preparation may cause irritation to the eyes and mucous membranes. As with all solvent based preparations it may be irritant to the skin. Any person with a history of skin sensitisation should take extra care when handling this preparation. Reducing the periods of skin exposure to any substance or preparation will reduce the risk of sensitization or other irritation occurring.

## 12. Ecological information

No data available.  
The exact ecological effects of this product are unknown but the solvent present is likely to be a marine pollutant.

## 13. Disposal considerations

All waste produced by industry or commerce is subject to the Duty Of Care Of Waste Regulations. This product is classified as Special Waste. Any surplus or waste arising from the normal use of this preparation must be disposed of in accordance with the Special Waste regulations. Empty containers should be treated as if still containing highly flammable material.

## 14. Transport information

UN : 1263  
IMDG Code Class : 3.2  
Packing group : II  
ADR : 3  
Proper Shipping Name : PAINT or PAINT RELATED MATERIAL



**GRANWAX**  
Products Limited

# MATERIAL SAFETY DATA SHEET

Product name: Barrier Seal

Reviewed date: September 2009

Reviewed by MC

## 15. Regulatory information

Labels for this preparation must carry a HIGHLY FLAMMABLE symbol and the following Risk and Safety Phrases:

Contains Ethanol      EC No. 200-578-6

R11 - Highly Flammable liquid

S2 - Keep out of the reach of children.

S7 - Keep container tightly closed.

S16 - Keep away from sources of ignition - No smoking.

This substance is classified as a substance hazardous to health within the definition given in Regulation 2 of the COSHH Regulations. An assessment of the risks to health caused by the use of this substance and the other requirements of the COSHH regulations must therefore be made by any employer or self employed person using this preparation at work.

## 16. Other information

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