GP Binder Seal

Material Safety Datasheet

AS PER REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

Section 1 - Identification of the substance/mixture and of the company/undertaking	
1.1 Product identifier	
Product name	GP Binder Seal
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Description	Binding primers
1.3 Details of the supplier of the safety data sheet	
Company	Granwax Products Limited
Address	West Street Riddings Alfreton Derbyshire DE55 4EW
Web	www.granwax.com
Email	info@granwax.com
Email address of the competent person	info@granwax.com
1.4 Emergency telephone number	
Emergency telephone number	+ 44 (0)1773 541177 - 9.00 am - 5.00 pm Monday to Friday
Section 2 - Hazards identification	
2.1 Classification of the substance or mixture	
2.1.1 Classification - 1999/45/EC	F; R11 R67 Symbols: F: Highly flammable.
Main hazards	Highly flammable. Vapours may cause drowsiness and dizziness.
2.1.2. Classification - EC 1272/2008	Flam. Liq. 2: H225; Eye Irrit. 2: H319;
2.2 Label elements	
Hazard pictograms	
Signal word	Danger
Hazard statement	Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Eye Irrit. 2: H319 - Causes serious eye irritation.
Precautionary statement: Prevention	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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2.2 Label elements	
Precautionary Statement: Response	P280 - Wear protective gloves/protective clothing/eye protection/face protection.
	P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
2.3 Other hazards	
Other hazards	No data is available on this product.

Section 3 - Composition/information on ingredients

3.2 Mixtures

67/548/EEC / 1999/45/EC

Chemical name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor
Ethanol	603-002-00-5	64-17-5	200-578-6		40 - 50%	F; R11	
Isopropanol	603-117-00-0	67-63-0	200-661-7		10 - 20%	F; R11 Xi; R36 R67	
1-Methoxy-2-propanol (1-Methoxypropan-2-ol)	603-064-00-3	107-98-2	203-539-1		20 - 20%	R10 R67	

EC 1272/2008

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Isopropanol	603-117-00-0	67-63-0	200-661-7		10 - 20%	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336;	
1-Methoxy-2-propanol (1-Methoxypropan-2-ol)	603-064-00-3	107-98-2	203-539-1		20 - 20%	Flam. Liq. 3: H226; STOT SE 3: H336;	

Section 4 - First aid measures

4.1 Description of first aid measures

Inhalation	Move the exposed person to fresh air. Symbols: F: Highly flammable.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing.
Ingestion	DO NOT INDUCE VOMITING.

4.2 Most important symptoms and effects, both acute and delayed	
Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	Ingestion may cause nausea and vomiting.
4.3 Indication of any immediate medical attention and special treatment needed	
Inhalation	If you feel unwell, seek medical advice (show the label where possible).
Eye contact	Seek medical attention.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	If you feel unwell, seek medical advice (show the label where possible).
Section 5 - Firefighting measures	
5.1 Extinguishing media	
	Use extinguishing media appropriate to the surrounding fire conditions.
5.2 Special hazards arising from the substance or mixture	
	Burning produces irritating, toxic and noxious fumes.
5.3 Advice for firefighters	
	Wear self contained breathing apparatus and protective clothing.
Section 6 - Accidental release measures	
6.1 Personal precautions, protective equipment and emergency procedures	
	Ensure adequate ventilation of the working area. Avoid contact with skin and eyes.
6.2 Environmental precautions	
	Do not allow product to enter drains. Prevent further spillage if safe.
6.3 Methods and material for containment and cleaning up	
	Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
6.4 Reference to other sections	
	See section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION for further information. See section 13. DISPOSAL CONSIDERATIONS for further information.

Section 7 - Handling and storage				
7.1 Precautions for safe handling				
Inhalation	Ensure adequate ventilation of the working area. Avoid contact with eyes and skin. Adopt best Manual Handling considerations when handling, carrying and dispensing.			
7.2 Conditions for safe storage, including any incompatibilities				
Skin contact	Keep containers tightly closed. Keep in a cool, dry, well ventilated area. Store in correctly labelled containers.			
7.3. Specific end use(s)				
	See section 1.2. Relevant identified uses of the substance or mixture and uses advised against for further information.			
Section 8 - Exposure controls/personal protection				
8.1 Control parameters				
	Occupational exposure controls.			
8.1.1 Exposure Limit Values				
1-Methoxy-2-propanol (1-Methoxypropan-2-ol)	WEL 8-hr limit ppm: WEL 15 min limit ppm: WEL 8-hr limit mg/m^3 total inhalable dust: WEL 8-hr limit mg/m^3 total respirable dust:	100 150 - -	WEL 8-hr limit mg/m^3: WEL 15 min limit mg/m^3: WEL 15 min limit mg/m^3 total inhalable dust: WEL 15 min limit mg/m^3 total respirable dust:	375 560 - -
Ethanol	WEL 8-hr limit ppm: WEL 15 min limit ppm: WEL 8-hr limit mg/m^3 total inhalable dust: WEL 8-hr limit mg/m^3 total respirable dust:	1000 - - -	WEL 8-hr limit mg/m^3: WEL 15 min limit mg/m^3: WEL 15 min limit mg/m^3 total inhalable dust: WEL 15 min limit mg/m^3 total respirable dust:	1920 - - -
Isopropanol (Propan-2-ol)	WEL 8-hr limit ppm: WEL 15 min limit ppm: WEL 8-hr limit mg/m^3 total inhalable dust: WEL 8-hr limit mg/m^3 total respirable dust:	400 500 - -	WEL 8-hr limit mg/m3: WEL 15 min limit mg/m^3: WEL 15 min limit mg/m^3 total inhalable dust: WEL 15 min limit mg/m^3 total respirable dust:	999 250 - -

8.2 Exposure controls	
8.2.1 Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2 Individual protection measures	Wear protective clothing.
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).
Skin protection - Other	Wear suitable protective clothing.
Respiratory protection	Wear suitable respiratory equipment when necessary.
Occupational exposure controls	Keep away from food, drink and animal feedstuffs.

Section 9 - Physical and chemical properties

9.1 Information on basic physical and chemical properties	
Appearance	Liquid
Colour	Clear
Odour	Alcoholic
Odour threshold	No data available
pH	No data available
Melting point	No data available
Freezing Point	No data available
Initial boiling point	No data available
Evaporation rate	No data available
Flammability	No data available
Vapour pressure	No data available
Vapour density	No data available
Explosive properties	No data available
Oxidising properties	No data available
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	No data available

Section 9 - Physical and chemical properties (continued)	
9.1 Information on basic physical and chemical properties (continued)	
Relative density	± 0.843 (H_2O = 1 @ 20°C)
Flash point	≈ 14°C
Viscosity	50 sec. 3 mm (ISO 2431)
Solubility	No data available
9.2 Other information	
Conductivity	No data available
Surface tension	No data available
Gas group No	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	= 738.5 g/l
Section 10 - Stability and reactivity	
10.1 Reactivity	
	Stable under normal conditions.
10.2 Chemical stability	
	Stable under normal conditions.
10.3 Possibility of hazardous reactions	
	No data is available on this product.
10.4 Conditions to avoid	
	No data is available on this product.
10.5 Incompatible materials	
	No data is available on this product.
10.6 Hazardous decomposition products	
	No data is available on this product.
Section 11 - Toxicological information	
11.1 Information on toxicological effects	
Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	May cause irritation to eyes.
11.1.4 Toxicological Information	
	No data available.

Section 12 - Ecological information	
12.2 Persistence and degradability	
	No data is available on this product.
12.3 Bioaccumulative potential	
	No data is available on this product.
12.3 Bioaccumulative potential	
Bioconcentration factor (BCF)	No data is available on this product.
Octanol-Water Partition Coefficient:	100 log P
12.4 Mobility in soil	
	No data is available on this product.
12.5 Results of PBT and vPvB assessment	
	No data is available on this product.
12.6 Other adverse effects	
	No data is available on this product.
Section 13 - Disposal considerations	
13.1 Waste treatment methods	
	Dispose of in compliance with all local and national regulations.
Section 14 - Transport information	
Hazard pictograms	
14.1 UN number	
	UN1263
14.2 UN proper shipping name	
	No data available.
14.3. Transport hazard class(es)	
ADR/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3

14.4 Packing group	
Packing group	11
14.5 Environmental hazards	
Environmental hazards	No
Marine pollutant	No
14.6 Special precautions for user	
	No data is available on this product.
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	
	No data is available on this product.
ADR/RID	
Hazard ID	33
Tunnel Category	(D/E)
IMDG	
EmS Code	F-E S-E
IATA	
Packing Instruction (Cargo)	364
Maximum quantity	60 L
Packing Instruction (Passenger)	563
Maximum quantity	5 L

Section 15 - Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	
Regulations	REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	
Regulations	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
Section 16 - Other information	
Other information	
Text of risk phrases in Section 3	R10 - Flammable R11 - Highly flammable. R36 - Irritating to eyes. R67 - Vapours may cause drowsiness and dizziness.
Text of Hazard Statements in Section 3	Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H336 - May cause drowsiness or dizziness. Flam. Liq. 3: H226 - Flammable liquid and vapour.
Maximum content of VOC	738.5 g/l.
Further information	
	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

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