

# Granguard BP

## Material Safety Datasheet

Page 1 of 11

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	Granguard BP
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	Xn; R20-65 Xi; R36/37-43 N; R51/53 R10-66 Symbols: Xn: Harmful. N: Dangerous for the environment.
Main hazards	Flammable. Harmful by inhalation. Irritating to eyes and respiratory system. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking.
2.1.2. Classification - EC 1272/2008	Flam. Liq. 3: H226; Asp. Tox. 1: H304; Skin Sens. 1: H317; Eye Irrit. 2: H319; STOT SE 3: H335; STOT SE 3: H336; Aquatic Chronic 2: H411;
2.2 Label elements	
Hazard pictograms	
Signal word	Danger

# Granguard BP

## Material Safety Datasheet

Page 2 of 11

Hazard statement	Flam. Liq. 3: H226 - Flammable liquid and vapour. Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H335 - May cause respiratory irritation. STOT SE 3: H336 - May cause drowsiness or dizziness. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
Precautionary Statement: Prevention	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 - Keep container tightly closed. P240 - Ground/bond container and receiving equipment. P241 - Use explosion-proof electrical/ventilating/lighting// equipment. P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash with clean water thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P301+P310 - IF SWALLOWED: IF SWALLOWED: Immediately call a POISON CENTER/doctor/ . P302+P352 - IF ON SKIN: Wash with plenty of water/ . P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 - Call a POISON CENTER/doctor/ /if you feel unwell. P321 - Specific treatment (see on this label). P331 - Do NOT induce vomiting. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P370+P378 - In case of fire: Use to extinguish. P391 - Collect spillage.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to requirements of local authority

# Granguard BP

## Material Safety Datasheet

### 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.
Aromatic polyisocyanate		127821-00-5			10 - 20%	Xi; R36-43	
Aromatic polyisocyanate		53317-61-6			10 - 20%	Xi; R36-43	
Hydrocarbon C9 aromatic			918-668-5		30 - 40%	Xn; R65 Xi; R37 N; R51/53 R10-66-67	
Aromatic polyisocyanate concentration		103051-64-5			10 - 20%	Xi; R43	
Xylene isomer mixture 20% ethylbenzene (Xylene, o-,m-,p-or mixed isomers)		1330-20-7	215-535-7		1 - 10%	Xn; R20/21-48/20-65 Xi; R36/37/38 R10	
2-methoxy-1-methylethyl acetate (1-Methoxypropylacetate)	607-195-00-7	108-65-6	203-603-9		10 - 20%	R10	
Butylated Hydroxy toluene (2,6-Di-tert-butyl-p-cresol)		128-37-0	204-881-4		0 - 0.5%	N; R50/53	

#### EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Aromatic polyisocyanate		127821-00-5			10 - 20%	Skin Sens. 1: H317; Eye Irrit. 2: H319;	
Aromatic polyisocyanate		53317-61-6			10 - 20%	Skin Sens. 1: H317; Eye Irrit. 2: H319;	
Hydrocarbon C9 aromatic			918-668-5		30 - 40%	Flam. Liq. 3: H226; Asp. Tox. 1: H304; STOT SE 3: H335; STOT SE 3: H336; Aquatic Chronic 2: H411;	
Aromatic polyisocyanate concentration		103051-64-5			10 - 20%	Skin Sens. 1: H317;	
Xylene isomer mixture 20% ethylbenzene (Xylene, o-,m-,p-or mixed isomers)		1330-20-7	215-535-7		1 - 10%	Flam. Liq. 3: H226; Asp. Tox. 1: H304; Acute Tox. 4: H312; Skin Irrit. 2: H315; Eye Irrit. 2: H319; Acute Tox. 4: H332; STOT SE 3: H335; STOT RE 2: H373;	
2-methoxy-1-methylethyl acetate (1-Methoxypropylacetate)	607-195-00-7	108-65-6	203-603-9		10 - 20%	Flam. Liq. 3: H226;	

# Granguard BP

## Material Safety Datasheet

Section 4 - First aid measures	
4.1 Description of first aid measures	
Inhalation	Move the exposed person to fresh air.
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 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.

# Granguard BP

## Material Safety Datasheet

Page 5 of 11

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.
<b>Section 7 - Handling and storage</b>	
7.1 Precautions for safe handling	
	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	
	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.

# Granguard BP

## Material Safety Datasheet

Section 8 - Exposure controls/personal protection			
8.1 Control parameters			
Occupational exposure controls.			
8.1.1 Exposure Limit Values			
2-methoxy-1-methylethyl acetate (1-Methoxypropylacetate)	WEL 8-hr limit ppm: 50 WEL 15 min limit ppm: 100 WEL 8-hr limit mg/m <sup>3</sup> total inhalable dust: - WEL 8-hr limit mg/m <sup>3</sup> total respirable dust: -	WEL 8-hr limit mg/m <sup>3</sup> : 274 WEL 15 min limit mg/m <sup>3</sup> : 548 WEL 15 min limit mg/m <sup>3</sup> total inhalable dust: - WEL 15 min limit mg/m <sup>3</sup> total respirable dust: -	
Butylated Hydroxy toluene (2,6-Di-tert-butyl-p-cresol)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m <sup>3</sup> total inhalable dust: - WEL 8-hr limit mg/m <sup>3</sup> total respirable dust: -	WEL 8-hr limit mg/m <sup>3</sup> : 10 WEL 15 min limit mg/m <sup>3</sup> : - WEL 15 min limit mg/m <sup>3</sup> total inhalable dust: - WEL 15 min limit mg/m <sup>3</sup> total respirable dust: -	
Xylene isomer mixture 20% ethylbenzene (Xylene, o-,m-,p-or mixed isomers)	WEL 8-hr limit ppm: 50 WEL 15 min limit ppm: 100 WEL 8-hr limit mg/m <sup>3</sup> total inhalable dust: - WEL 8-hr limit mg/m <sup>3</sup> total respirable dust: -	WEL 8-hr limit mg/m <sup>3</sup> : 220 WEL 15 min limit mg/m <sup>3</sup> : 441 WEL 15 min limit mg/m <sup>3</sup> total inhalable dust: - WEL 15 min limit mg/m <sup>3</sup> total respirable dust: -	
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	Respiratory protection must be used during use (A1 or A2EN41).		
Occupational exposure controls	Keep away from food, drink and animal feedstuffs.		

# Granguard BP

## Material Safety Datasheet

### Section 9 - Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties (continued)

Appearance	Liquid
Colour	Clear
Odour	Pungent
Odour threshold	No data available
pH	No data available
Melting point	No data available
Freezing point	No data available
Initial boiling point	≈ 140°C
Flash point	40°C
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	± 0.984 (H <sub>2</sub> O = 1 @ 20°C)
Fat Solubility	No data available
Partition coefficient	= 100 log P
Autoignition temperature	No data available
Viscosity	15
Explosive properties	No data available
Oxidising properties	No data available
Solubility	Insoluble in water
9.2 Other information	
Conductivity	No data is available
Surface tension	No data is available
Gas group	No data is available
Benzene Content	No data is available
Lead content	No data is available
VOC (Volatile organic compounds)	582 g/l

# Granguard BP

## Material Safety Datasheet

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	
12.1 Toxicity	
	No data is available on this product.
12.2 Persistence and degradability	
	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.

# Granguard BP

## Material Safety Datasheet

### 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

Paint

#### 14.3. Transport hazard class(es)

ADR/RID 3

Subsidiary risk -

IMDG 3

Subsidiary risk -

IATA 3

Subsidiary risk -

#### 14.4 Packing group

Packing group III

#### 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 30

Tunnel Category (D/E)

#### IMDG

EmS Code F-E S-E

# Granguard BP

## Material Safety Datasheet

Page 10 of 11

IATA	
Packing Instruction (Cargo)	366
Maximum quantity	220 L
Packing Instruction (Passenger)	355
Maximum quantity	60 L

### Section 15 - Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulations	<p>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.</p> <p>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.</p>
-------------	--

# Granguard BP

## Material Safety Datasheet

Section 16 - Other information	
Other information	
Revision	This document differs from the previous version in the following areas: None
Text of risk phrases in Section 3	R10 - Flammable R20/21 - Harmful by inhalation and in contact with skin. R36/37/38 - Irritating to eyes, respiratory system and skin. R36 - Irritating to eyes. R37 - Irritating to respiratory system.
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.