

## SAFETY DATA SHEET

according to Regulation (EU) 2020/878

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### Supagard Polysiloxane

Revision 1  
Revision date 2023-01-30

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Product name Supagard Polysiloxane

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen);

##### 1.3. Details of the supplier of the safety data sheet

Company SUPAGARD LIMITED  
Address 19-27 Gavinton Street  
Muirend  
Glasgow  
G44 3EF  
Web www.supagard.com  
Telephone 0141 633 5933  
Fax 01416377219  
Email James.Smyth@supagard.com  
Email address of the competent person James.Smyth@supagard.com

##### 1.4. Emergency telephone number

Emergency telephone number 01416335933  
8.30am to 5.00pm  
For medical advice or information you should contact your GP or NHS 111 (or NHS 24 in Scotland) on 111 (for 24 hour health advice)  
If you are a healthcare professional with an enquiry please visit [www.TOXBASE.org](http://www.TOXBASE.org)

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008 Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336;

##### 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.  
STOT SE 3: H336 - May cause drowsiness or dizziness.

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## 2.2. Label elements

<b>Precautionary Statement: Prevention</b>	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary Statement: Response</b>	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. P337+P313 - If eye irritation persists: Get medical advice/attention.
<b>Precautionary Statement: Storage</b>	P403+P235 - Store in a well-ventilated place. Keep cool.
<b>SUPPLEMENTAL HAZARD INFORMATION</b>	Ingredients as required by Regulation (EC) No 648/2004: Less than 5% Aromatic Hydrocarbons.  Contains - Propan-2-ol, Hydrocarbons, C11-C13, isoalkanes, <2% aromatics.

## 2.3. Other hazards

<b>Other hazards</b>	This substance/mixture is not classified as PBT or vPvB according to current criteria. The substance/mixture does not contain substances with endocrine disrupting properties.
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## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
propan-2-ol	603-117-00-0	67-63-0	200-661-7	01-2119457558-25	80 - 90%	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336;
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics		246538-78-3		01-2119456810-40	1 - 10%	: EUH066; Asp. Tox. 1: H304;

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

<b>Inhalation</b>	Move the exposed person to fresh air.
<b>Eye contact</b>	Rinse immediately with plenty of water. Contact lenses should be removed.
<b>Skin contact</b>	Remove contaminated clothing. Wash with water and soap as a precaution.
<b>Ingestion</b>	DO NOT INDUCE VOMITING. Rinse mouth thoroughly.

## 4.2. Most important symptoms and effects, both acute and delayed

<b>Inhalation</b>	High concentration of vapour in enclosed space may cause irritation, headaches and nausea. May cause irritation to respiratory system.
<b>Eye contact</b>	Irritating to eyes.
<b>Skin contact</b>	May cause skin dryness and irritation. Prolonged contact may cause defatting of the skin.
<b>Ingestion</b>	May cause irritation to mucous membranes.

## 4.3. Indication of any immediate medical attention and special treatment needed

<b>Inhalation</b>	TREAT SYMPTOMATICALLY. Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
<b>Eye contact</b>	Contact lenses should be removed. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
<b>Skin contact</b>	Seek medical attention if irritation or symptoms persist.
<b>Ingestion</b>	Drink 1 to 2 glasses of water. Seek medical attention if irritation or symptoms persist.

## General information

	If you feel unwell, seek medical advice (show the label where possible). Treat symptomatically.
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## SECTION 5: Firefighting measures

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## 5.1. Extinguishing media

	Highly flammable liquid and vapour. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
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## 5.2. Special hazards arising from the substance or mixture

	Highly flammable liquid and vapour.
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## 5.3. Advice for firefighters

	Fire fighters should wear self contained positive pressure breathing apparatus (SCBA) and full turnout gear.
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## Further information

	In the event of a fire and/or explosion do not breath fumes. Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

	Wear suitable protective equipment. Highly flammable liquid and vapour. Avoid sparks, flames, heat and sources of ignition.
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### 6.2. Environmental precautions

	Advise local authorities if large spills cannot be contained.
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### 6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Avoid sparks, flames, heat and sources of ignition.
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### 6.4. Reference to other sections

	See section 2, 7, 8, 13 for further information.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

	Adopt best Manual Handling considerations when handling, carrying and dispensing.
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### 7.2. Conditions for safe storage, including any incompatibilities

	Highly flammable liquid and vapour. Avoid sparks, flames, heat and sources of ignition. Avoid storing in direct Sun Light. Store in a well-ventilated place. Keep cool. Store in original container. Keep container tightly closed. Keep away from combustible material. Keep out of the reach of children.
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## Suitable packaging

	Plastic containers.
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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

	Occupational exposure controls.
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#### 8.1.1. Exposure Limit Values

propan-2-ol	WEL 8-hr limit ppm: 400	WEL 8-hr limit mg/m3: 999
	WEL 15 min limit ppm: 500	WEL 15 min limit mg/m3: 1250
	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total - respirable dust:	WEL 15 min limit mg/m3 total - respirable dust:

## DNEL: Derived no-effect level.

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DNEL: Derived no-effect level.


## Exposure Pattern - Workers

propan-2-ol	Long-term - inhalation - Systemic effects	500 mg/m <sup>3</sup>
	Long-term - dermal - Systemic effects	888 mg/kg

## Exposure Pattern - General population

propan-2-ol	Long-term - inhalation - Systemic effects	89 mg/m <sup>3</sup>	
	Long-term - dermal - Systemic effects	319 mg/kg	Long-term - oral - Systemic effects 26 mg/kg

## 8.2. Exposure controls

<p>8.2.1. Appropriate engineering controls</p> <p>Eye / face protection</p> <p>Skin protection - Handprotection</p> <p>Skin protection - Other</p> <p>Respiratory protection</p> <p>8.2.3. Environmental exposure controls</p>	
	<p>Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice. Use appropriate personal protective equipment. Wear suitable protective clothing and eye/face protection.</p>
	<p>Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value. Ensure eyewash stations and safety showers are close to the workstation location.</p>
	<p>Avoid contact with eyes. If splashes are likely to occur, wear: safety glasses with side-shields. Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Wear chemical splash goggles. Personal protective equipment for eye and face protection should comply with European Standard EN166.</p>
	<p>Rubber gloves. Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.</p>
	<p>Wear suitable protective clothing.</p>
	<p>No personal respiratory protective equipment normally required. In case of insufficient ventilation wear suitable respiratory equipment.</p>
<p>Prevent further leakage or spillage if safe to do so.</p>	

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

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## 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Liquid
<b>Colour</b>	Colourless
<b>Odour</b>	Characteristic
<b>Odour threshold</b>	No data available
<b>pH</b>	No data available
<b>Melting point</b>	No data available
<b>Initial boiling point</b>	82 °C
<b>Flash point</b>	12 °C
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Vapour pressure</b>	No data available
<b>Relative Vapour Density</b>	No data available
<b>Density / Relative Density</b>	No data available
<b>Partition coefficient</b>	No data available
<b>Autoignition temperature</b>	No data available
<b>Viscosity</b>	No data available
<b>Explosive properties</b>	No data available
<b>Oxidising properties</b>	No data available
<b>Solubility</b>	Soluble in water

## 9.2. Other information

<b>Conductivity</b>	No data available
<b>Surface tension</b>	No data available
<b>Gas group</b>	No data available
<b>Benzene Content</b>	No data available
<b>Lead content</b>	No data available
<b>VOC (Volatile organic compounds)</b>	No data available

## 9.2.1. Information with regard to physical hazard classes

	No data available.
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## 9.2.2. Other safety characteristics

	No data available.
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## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	Highly flammable liquid and vapour. Stable under normal conditions.
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## 10.2. Chemical stability

	Flammable liquid. Stable under normal conditions.
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## 10.3. Possibility of hazardous reactions

	Oxidising agents. Combustible materials.
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## 10.4. Conditions to avoid

	Avoid sparks, flames, heat and sources of ignition. Avoid storing in direct Sun Light.
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## 10.5. Incompatible materials

	Oxidising agents.
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## 10.6. Hazardous decomposition products

	No Hazardous decomposition products when stored and handled correctly.
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**SECTION 11: Toxicological information****11.1 Information on hazard classes**

Acute toxicity	This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP). based on available data the classification criteria are not met.
Skin corrosion/irritation	based on available data the classification criteria are not met.
Serious eye damage/irritation	Eye Irrit. 2: H319 - Causes serious eye irritation.
Respiratory or skin sensitisation	based on available data the classification criteria are not met.
Germ cell mutagenicity	based on available data the classification criteria are not met.
Carcinogenicity	based on available data the classification criteria are not met.
Reproductive toxicity	based on available data the classification criteria are not met.
STOT-single exposure	STOT SE 3: H336 - May cause drowsiness or dizziness.
STOT-repeated exposure	based on available data the classification criteria are not met.
Aspiration hazard	based on available data the classification criteria are not met.
Repeated or prolonged exposure	based on available data the classification criteria are not met.

**11.1.2. Mixtures**

	No data available.
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**11.1.3. Hazard Information**

	No data available.
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**11.1.4. Toxicological Information**

	No data available
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**11.2 Information on other hazards**

	No data available.
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**SECTION 12: Ecological information****12.1. Toxicity**

	No data available
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**12.2. Persistence and degradability**

	Substance biodegrades at a moderate rate and inherently biodegradable according to the OECD guide lines.
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**12.3. Bioaccumulative potential**

	The product is not bioaccumulating.
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**Partition coefficient**

	Supagard Polysiloxane Sealant No data available	propan-2-ol 0.05 log P
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**12.4. Mobility in soil**

	No data is available on this product.
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**12.5. Results of PBT and vPvB assessment**

	This substance/mixture is not classified as PBT or vPvB according to current criteria.
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**12.6 Endocrine disrupting properties**

	No data available.
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**12.7. Other adverse effects**

	No data is available on this product.
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**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

	Dispose of waste and residues in accordance with local authority requirements.
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**General information**

	Dispose of in compliance with all local and national requirements.
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**Disposal of packaging**

	Do NOT reuse empty containers. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.
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**SECTION 14: Transport information****Hazard pictograms****14.1. UN number**

	UN1993
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**14.2. UN proper shipping name**

	FLAMMABLE LIQUID, N.O.S. (Contains Isopropanol)
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**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	II
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**14.5. Environmental hazards**

Environmental hazards	No
Marine pollutant	No

**14.6. Special precautions for user**

	No additional special precautions.
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**14.7 Maritime Transport in bulk according to IMO instruments**

	Not applicable.
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**ADR/RID**

Hazard ID	33
Tunnel Category	(D/E)

**IMDG**

EmS Code	F-E S-E
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**IATA**

Packing Instruction (Cargo)	364
Maximum quantity	60 L

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IATA	
Maximum quantity	5 L
<b>SECTION 15: Regulatory information</b>	
<b>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
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>
<b>15.2. Chemical safety assessment</b>	
	No information available.
<b>SECTION 16: Other information</b>	
<b>Other information</b>	
Revision	<p>This document differs from the previous version in the following areas:.</p> <ul style="list-style-type: none"> <li>2 - Other hazards.</li> <li>2 - Hazard pictograms.</li> <li>2 - SUPPLEMENTAL HAZARD INFORMATION.</li> <li>8 - Skin protection - Handprotection.</li> <li>8 - Eye / face protection.</li> <li>8 - Skin protection - Other.</li> <li>9 - 9.2.2. Other safety characteristics.</li> <li>9 - 9.2.1. Information with regard to physical hazard classes.</li> <li>11 - 11.2 Information on other hazards.</li> <li>12 - 12.7. Other adverse effects.</li> </ul>
Data sources	<p>Classification and Procedure used to derive the classification for mixtures according to Regulation (EC) No. 1272/2008, as retained and amended in UK law.</p> <p>Flam. Liq. 2: H225 - Highly flammable liquid and vapour. - Flash Point 12°C.</p> <p>Eye Irrit. 2: H319 - Causes serious eye irritation. - Calculation Method.</p> <p>STOT SE 3: H336 - May cause drowsiness or dizziness. - Calculation Method.</p>
Text of Hazard Statements in Section 3	<p>Flam. Liq. 2: H225 - Highly flammable liquid and vapour.</p> <p>Eye Irrit. 2: H319 - Causes serious eye irritation.</p> <p>STOT SE 3: H336 - May cause drowsiness or dizziness.</p> <p>EUH066 - Repeated exposure may cause skin dryness or cracking.</p> <p>Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.</p>
<b>Further information</b>	
	<p>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.</p>