



# SAFETY DATA SHEET

according to Regulation (EU) 2020/878

Page 1/9

## Tyre Repair Seal

Revision 0  
Revision date: 2024-10-25

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

#### 1.1. Product identifier

Product name Tyre Repair Seal

#### 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); [PC1] Adhesives, sealants. ----- [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC1] Adhesives, sealants.
Description	Use of the substance/mixture: Adhesives, sealants. Function or use category: Reduces heat build-up in tyres. Temporarily repairs punctures.

#### 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	+44 (0) 7584 053 553
Fax	
Email	James.Smyth@supagard.com
Email address of the competent person	

#### 1.4. Emergency telephone number

Emergency telephone number Company	+44 (0) 7584 053 553
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### SECTION 2: Hazards identification

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

	Not classified.  Adverse physiochemical, human health and environmental effects: To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.
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#### 2.2. Label elements

# Tyre Repair Seal

Revision 0  
Revision date 2024-10-25

## 2.2. Label elements

	<p>Labelling according to Regulation (EC) No. 1272/2008 [CLP].</p> <p>Precautionary statements (CLP): P102 - Keep out of reach of children. Child-resistant fastening: Not applicable. Tactile warning: Not applicable.</p>
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## 2.3. Other hazards

Other hazards	This product does not contain any known or suspected endocrine disruptors.
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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 No.	Conc. (%w/w)	Classification
Propylene glycol (Propane-1,2-diol total vapour and particulates)		57-55-6	200-338-0	01-2119456809-23	20 - 40%	

#### Further information

	Full text of Hazard Statements listed in this Section is provided in Section 16.
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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Inhalation	Remove person to fresh air and keep comfortable for breathing.
Eye contact	Rinse immediately with plenty of water.
Skin contact	Remove contaminated clothing. Wash skin with plenty of water.
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 if irritation or symptoms persist.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	If you feel unwell, seek medical advice (show the label where possible).

#### General information

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

### 5.1. Extinguishing media

	Suitable extinguishing media: Use extinguishing media appropriate to the surrounding fire conditions.
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### 5.2. Special hazards arising from the substance or mixture

	<p>Fire hazard: Not flammable.</p> <p>Explosion hazard: Product is not explosive.</p> <p>Hazardous decomposition products: Carbon oxides. Burning produces irritating, toxic and obnoxious fumes.</p>
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### 5.3. Advice for firefighters

# Tyre Repair Seal

Revision 0  
Revision date 2024-10-25

## 5.3. Advice for firefighters

Precautionary measures fire: Exercise caution when fighting any chemical fire.  
Protection during firefighting: Do not attempt to take action without suitable protective equipment.  
Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

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

Wear suitable protective clothing and eye/face protection. Ensure adequate ventilation of the working area. Avoid contact with skin and eyes. Stop leak if safe to do so.

### 6.2. Environmental precautions

Avoid release to the environment. Do not allow product to enter drains.

### 6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. Dispose of this material and its container to hazardous or special waste collection point.

### 6.4. Reference to other sections

Refer to: SECTION 2: Hazards identification, SECTION 8: Exposure controls/personal protection, SECTION 13: Disposal considerations.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Ensure good ventilation of the workstation. Wear suitable protective clothing, gloves and eye/face protection. Adopt best Manual Handling considerations when handling, carrying and dispensing. Do not eat, drink or smoke when using this product. Wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures: Does not require any specific or particular technical measures.  
Storage conditions: Store in a well-ventilated place., Keep cool.  
Incompatible products: Strong acids, Strong bases, Oxidising agents.  
Incompatible materials: Zinc.

#### Suitable packaging

Store in original container.

### 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

# Tyre Repair Seal


Revision 0

Revision date 2024-10-25

## 8.1.1. Exposure Limit Values

Propylene glycol (Propane-1,2-diol particulates)	WEL 8-hr limit ppm: -  WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust:	WEL 8-hr limit mg/m3: 10  WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust:
Propylene glycol (Propane-1,2-diol total vapour and particulates)	WEL 8-hr limit ppm: 150  WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust:	WEL 8-hr limit mg/m3: 474  WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 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 suitable protective clothing. Avoid contact with eyes and skin.
Eye / face protection	Eye protection should only be necessary where liquid could be splashed or sprayed. In case of splashing, wear: chemical safety goggles. (EN166).
Skin protection - Handprotection	Wear suitable gloves.
Skin protection - Other	Wear suitable protective clothing.
Respiratory protection	Ensure sufficient ventilation. Wear suitable respiratory equipment when necessary.
8.2.3. Environmental exposure controls	Avoid release to the environment.
Occupational exposure controls	Observe the label precautions. Use as directed on label. Avoid prolonged or repeated exposure. Keep away from food, drink and animal feeding stuffs.

## Further information

Do not eat, drink or smoke when using this product.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

# Tyre Repair Seal

Revision 0  
Revision date 2024-10-25

## 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Grey
Odour	Odourless
Odour threshold	No data available
pH	8-9.5
Melting point	Not applicable.
Freezing Point	No data available
Initial boiling point	No data available
Flash point	>80°C
Evaporation rate	No data available
Flammability (solid, gas)	Not applicable.
Upper Explosive Limit	12.6 %
Lower Explosive Limit	2.6 %
Vapour pressure	> 2000 Pa
Relative Vapour Density	2.62 g/cm <sup>3</sup>
Density / Relative Density	1.115 (H <sub>2</sub> O = 1 @ 20 °C)
Fat Solubility	No data available
Partition coefficient (P)	No data available
Autoignition temperature	> 356 °C
Viscosity	No data available
Explosive properties	Product is not explosive
Oxidising properties	Not applicable.
Solubility	Miscible in water

## 9.2. Other information

Conductivity	No data available
Surface tension	Not applicable.
Gas group	Not applicable.
Benzene Content	Not applicable.
Lead content	Not applicable.
VOC (Volatile organic compounds)	No data available

### 9.2.1. Information with regard to physical hazard classes

	No data is available on this product.
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### 9.2.2. Other safety characteristics

	No data is available on this product.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

	The product is non-reactive under normal conditions of use, storage and transport.
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### 10.2. Chemical stability

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

	No dangerous reactions known under normal conditions of use.
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### 10.4. Conditions to avoid

	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
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### 10.5. Incompatible materials

	Strong oxidising agents.
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# Tyre Repair Seal

Revision 0  
Revision date 2024-10-25

## 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Burning produces irritating, toxic and obnoxious fumes.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes

Acute toxicity	No data is available on this product.
Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	May cause irritation to eyes.
Respiratory or skin sensitisation	No sensitization effects reported.
Germ cell mutagenicity	No data is available on this product.
Carcinogenicity	No data is available on this product.
Reproductive toxicity	No data is available on this product.
STOT-single exposure	No data is available on this product.
STOT-repeated exposure	No data is available on this product.
Repeated or prolonged exposure	Avoid prolonged or repeated exposure.

#### 11.1.4. Toxicological Information

Propylene glycol	Oral Rat LD50: 22,000 mg/kg	Dermal Rabbit LD50: > 2,000 mg/kg
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### 11.2 Information on other hazards

No data is available on this product.

## SECTION 12: Ecological information

### 12.1. Toxicity

Propylene glycol	Daphnia EC50/48h: 18340.0000 mg/l	Algae IC50/72h: 19000.0000 mg/l
	Fish LC50/96h: 40613.0000 mg/l	Bacteria EC10/18h: 20,000 mg/l

### 12.2. Persistence and degradability

Not established.

### 12.3. Bioaccumulative potential

Not established. Specific test data for the mixture is not available.

### 12.4. Mobility in soil

No additional information available.

### 12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

### 12.6 Endocrine disrupting properties

This product does not contain any known or suspected endocrine disruptors.

### 12.7 Other adverse effects

No additional information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Dispose of in compliance with all local and national regulations.

### General information

Contact a licensed waste disposal company.

# Tyre Repair Seal

Revision 0

Revision date 2024-10-25

## Disposal methods

This material and its container must be disposed of as hazardous waste. Do not empty into drains; dispose of this material and its container in a safe way.

## Disposal of packaging

Empty containers can be sent for disposal or recycling.

## SECTION 14: Transport information

### 14.1. UN number

The product is not classified as dangerous for carriage.

### 14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

### 14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

### 14.4. Packing group

The product is not classified as dangerous for carriage.

### 14.5. Environmental hazards

The product is not classified as dangerous for carriage.

### 14.6. Special precautions for user

The product is not classified as dangerous for carriage.

### 14.7 Maritime Transport in bulk according to IMO instruments

The product is not classified as dangerous for carriage.

## SECTION 15: Regulatory information

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

#### Regulations

COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

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.

#### EU-Regulations:.

No additional information available.

Contains no REACH Annex XIV substances.

Contains no substances on the REACH candidate list.

WGK: Propylene glycol WGK1.

#### National Regulations:.

Contains no REACH substances with Annex XVII restrictions.

### 15.2. Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

## SECTION 16: Other information

# Tyre Repair Seal

Revision 0

Revision date 2024-10-25

## Other information

Acronyms	<p>ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways;</p> <p>ADR - Agreement concerning the International Carriage of Dangerous Goods by Road;</p> <p>AIIIC - Australian Inventory of Industrial Chemicals;</p> <p>ASTM - American Society for the Testing of Materials; bw - Body weight;</p> <p>CMR - Carcinogen, Mutagen or Reproductive Toxicant;</p> <p>DIN - Standard of the German Institute for Standardisation;</p> <p>DSL - Domestic Substances List (Canada);</p> <p>ECx - Concentration associated with x% response;</p> <p>ELx - Loading rate associated with x% response;</p> <p>EmS - Emergency Schedule;</p> <p>ENCS - Existing and New Chemical Substances (Japan);</p> <p>ErCx - Concentration associated with x% growth rate response;</p> <p>GHS - Globally Harmonized System;</p> <p>GLP - Good Laboratory Practice;</p> <p>IARC - International Agency for Research on Cancer;</p> <p>IATA - International Air Transport Association;</p> <p>IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk;</p> <p>IC50 - Half maximal inhibitory concentration;</p> <p>ICAO - International Civil Aviation Organization;</p> <p>IECSC - Inventory of Existing Chemical Substances in China;</p> <p>IMDG - International Maritime Dangerous Goods;</p> <p>IMO - International Maritime Organization;</p> <p>ISHL - Industrial Safety and Health Law (Japan);</p> <p>ISO - International Organisation for Standardization;</p> <p>KECI - Korea Existing Chemicals Inventory;</p> <p>LC50 - Lethal Concentration to 50 % of a test population;</p> <p>LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose);</p> <p>MARPOL - International Convention for the Prevention of Pollution from Ships;</p> <p>N.O.S. - Not Otherwise Specified;</p> <p>NO(A)EC - No Observed (Adverse) Effect Concentration;</p> <p>NO(A)EL - No Observed (Adverse) Effect Level;</p> <p>NOELR - No Observable Effect Loading Rate;</p> <p>NZIoC - New Zealand Inventory of Chemicals;</p> <p>OECD - Organization for Economic Co-operation and Development;</p> <p>OPPTS - Office of Chemical Safety and Pollution Prevention;</p> <p>PBT - Persistent, Bioaccumulative and Toxic substance;</p> <p>PICCS - Philippines Inventory of Chemicals and Chemical Substances;</p> <p>(Q)SAR - (Quantitative) Structure Activity Relationship;</p> <p>REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals;</p> <p>RID - Regulations concerning the International Carriage of Dangerous Goods by Rail;</p> <p>SADT - Self-Accelerating Decomposition Temperature;</p> <p>SDS - Safety Data Sheet;</p> <p>TCSI - Taiwan Chemical Substance Inventory;</p> <p>TECI - Thailand Existing Chemicals Inventory;</p> <p>TSCA - Toxic Substances Control Act (United States);</p> <p>UN - United Nations;</p> <p>UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods;</p> <p>vPvB - Very Persistent and Very Bioaccumulative.</p> <p>STOT: Specific Target Organ Toxicity.</p> <p>WGK: Water Hazard Class.</p>
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## 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
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# Tyre Repair Seal

Revision 0

Revision date 2024-10-25

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**Further information**

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	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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