

# SAFETY DATA SHEET

## Sure-Shield® TPER Waterstop

### **SECTION 1. SUPPLIER IDENTIFICATION**

Name **CJSA**  
Address Unit 2, 18 Farrow Circuit Seaford Rise,  
South Australia 5169,  
Australia.

Note: The details and information stated within this SDS have been provided by the manufacturer.  
Refer to [www.cjsa.net.au](http://www.cjsa.net.au) to obtain the most recent SDS.

### **SECTION 1.1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

Identification of the substance or mixture  
THERMOPLASTIC VULCANIZATE (TPV/TPER)

Further trade names  
SURE-SHIELD TPER WATERSTOP

Use of the substance/ mixture  
Construction industry

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### **SECTION 2. HAZARDS IDENTIFICATION**

Classification  
The preparation is not dangerous in the sense of Directive 1999/45/EC.

Explication of special hazards for human health and environment  
Preparation/mixture without hazards for human health or environment  
Repeated long inhalation of decomposition products can lead to lung oedema.

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### **SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

#### Chemical characterization (Mixture)

TPV /TPER Dynamically Vulcanized PP/EPDM

#### Further Information

2,5-Dimethyl-2,5-di-(tert.-butylperoxy)-hexane

Cas No: 78-63-7

Concentration < 0,4

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### **SECTION 4. FIRST AID MEASURES**

#### General information

First aid assistant: Pay attention to self-protection!

Provide adequate ventilation.

#### After inhalation

Provide adequate ventilation.

In case of inhalation of decomposition products, take the affected person into the fresh air and sit him quietly.

Consult physician.

#### After contact with skin

The melted product can cause severe burns.

Do not try to remove product crusts from affected parts of the skin by force or by using solvents.

Following contact with the melted product, quickly cool affected skin area with water.

Consult physician.

#### After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

#### After ingestion

Consult physician.

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### **SECTION 5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media

Water, foam, carbon dioxide (CO<sub>2</sub>) & extinguishing powder.

Special exposure hazards arising from substance or mixture itself, combustion products, resulting gases

Carbon dioxide, carbon monoxide, hydrocarbons, alcohol resistant foam & sand.

Special protective equipment for fire-fighters

In case of fire: Wear self-contained breathing apparatus & protective clothing.

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### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions

No special personal precautions

Environmental precautions

No special environmental protection measures are necessary.

Methods for cleaning up/taking up

Collect mechanically. Treat the assimilated material according to the section on waste disposal.

Do not empty into drains.

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### **SECTION 7. HANDLING AND STORAGE**

Handling

Advice on safe handling

Provide adequate ventilation.

Storage

Requirements for storage rooms and vessels

Keep in a cool place.

Provide adequate ventilation.

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### **SECTION 7. HANDLING AND STORAGE (CONTINUED)**

#### Storage (continued)

##### Advice on storage compatibility

Storage stability:

Storage temperature: < 40 °C unlimited durability.

No special precautionary measures are necessary.

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### **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### Exposure limit values

#### Exposure controls

##### Protective and hygiene measures

Provide adequate ventilation. Equipment with built-in suction provisions.

When using do not eat, drink or smoke. Do not breathe dust.

##### Respiratory protection

Respiratory protection required in case of: In the case of the formation of dust. (half-mask with filter [DIN EN 149])

##### Hand protection

Wear suitable gloves.

##### Eye protection

Wear eye/face protection.

##### Skin protection

Only wear fitting, comfortable and clean protective clothing.

In case of increasing hazard add: heat resistant synthetic fibers.

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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

#### General information

Physical state	:	Formed profile
Colour	:	Black
Odour	:	Odourless

#### Important health, safety and environmental information

Changes in the physical state		Test method
Melting point	:	155-164 °C
Softening point	:	50-115 °C
Flash point	:	not applicable

Explosive properties  
not applicable

Oxidizing properties  
not applicable

Vapour pressure	:	not applicable
Density (at 23 °C)	:	0,93-0,99 g/cm <sup>3</sup>
Water solubility	:	Insoluble
Solubility in other solvents	:	Partially soluble in cyclohexane. Fully soluble in boiling xylene.
Partition coefficient	:	Not applicable
Viscosity / dynamic	:	Not applicable
Viscosity / kinematic	:	Not applicable
Vapour density	:	Not applicable
Evaporation rate	:	Not applicable

#### 9.2. Other information

Point of decomposition > 300 at °C	:	
Point of auto-ignition >370 at °C	:	

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### **SECTION 10. STABILITY AND REACTIVITY**

- 10.4. Conditions to avoid  
Molten resin temperatures above 300 °C
- 10.6. Hazardous decomposition products  
Carbon dioxide. Carbon monoxide. hydrocarbons.
- Further information  
No risks worthy of mention.
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### **SECTION 11. TOXICOLOGICAL INFORMATION**

- Acute toxicity  
not applicable
- Specific effects in experiment on an animal  
not applicable
- Irritation and corrosivity  
not applicable
- Sensitising effects  
not applicable
- Severe effects after repeated or prolonged exposure  
not applicable
- Carcinogenic/mutagenic/toxic effects for reproduction  
not applicable
- Further information  
Not an irritant. When used and handled according to the specifications, this product does not have any harmful effects to human health according to our experience and the information available. Contact the manufacturer in case the material is to be used in special applications such as in contact with food or for hygiene, medical or surgical end-use.
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### **SECTION 12. ECOLOGICAL INFORMATION**

#### Ecotoxicity

Insoluble in : Water

Ecotoxicological effects : none/none

Due to the consistency along with the low water solubility of the product, bioavailability is unlikely.

#### Mobility

Floats on water. Remains on surface of soil.

#### 12.2. Persistence and degradability

Expected to be not inherently biodegradable.

Persist under anaerobic conditions.

#### 12.3. Bioaccumulative potential

Not expected to bioaccumulate.

#### 12.6. Other adverse effects

No data available

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### **SECTION 13. DISPOSAL CONSIDERATIONS**

#### Advice on disposal

Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.

Refer to manufacturer/supplier for information of recovery/recycling.

Material recycling possible.

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### **SECTION 14. TRANSPORT INFORMATION**

#### Land transport ( ADR/RID)

ADR/RID class : none/none

#### Description of the goods

Not a hazardous material with respect to transportation regulations.

#### Inland waterways transport (ADN)

ADNR class : none/none

#### Description of the goods

Not a hazardous material with respect to transportation regulations.

#### Marine transport (IMDG)

IMDG code : none/none

#### Description of the goods

Not a hazardous material with respect to transportation regulations.

#### Air transport (ICAO)

ICAO/IATA-DGR : none/none

#### Description of the goods

Not a hazardous material with respect to transportation regulations.

#### Other applicable information (air transport)

ICAO/IATA-DGR : none/none

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### **SECTION 15. REGULATORY INFORMATION**

#### Labelling

#### EU regulatory information

##### Additional information

According to Directive 1999/45/EC or Appendix VI to Directive 67/548/EEC the preparation requires no special labelling.

nwg (KBwS-Einstufung), KBwS-Nr.: 766

#### National regulatory information

### **SECTION 16. OTHER INFORMATION**

#### Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

#### Disclaimer:

This safety datasheet should be used in conjunction with technical datasheets. It does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose than that for which it was intended. This does not in any way excuse the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfil his obligations regarding the use of hazardous products. This information is not exhaustive. This does not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his responsibility. Furthermore, this safety datasheet is made up based on the legal requirements as set by EC 1907/2006 based on information as is available per June 1, 2007 (date of entry into force). That information that is not yet filled in depends on the input we receive from our suppliers following the time scale as foreseen by EC 1907/2006 and depends solely on the registration of the concerned substances. The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet).*

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