

SAFETY DATA SHEET

Hydro-Stop® CJ-5000 Chloroprene Rubber Hydrophilic Waterstop

SECTION 1. IDENTIFICATION

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

The details and information stated within this SDS have been provided by the manufacturer.
Manufacturer's Reference Number : 04/08/2016
Refer to www.cjsa.net.au to obtain the most recent SDS.

Trade Name : Hydro-Stop® CJ-5000
Other means of identification : Not Available

Relevant identified uses of the substance or mixture and uses advised against
Not available

SECTION 2. HAZARDS IDENTIFICATION

OSHA/HCS status : While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture : Not Classified

The information and the recommendations relating to the application and end use of this product are given in good faith and are based on the information provided by the manufacturer of the product and/or the Company's current knowledge and experience in connection with the product when properly stored, handled and applied under normal conditions and no liability of final function at the job site is assumed. In practice, the differences in materials substrates and actual site conditions are such that no warranty in respect of merchantability of or fitness for particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written and/or oral recommendations, or from any other advice offered by the Company. The Company also has no express or implied knowledge of any particular purpose for which the product is required and any such information given will not be taken into account in the supply of this product. No responsibility or liability by the Company will be accepted for misuse, misreading or derivation from recommended guidelines in respect of this product and the user shall determine the suitability of the product for his intended use and assume all risks and liability in connection therewith. The information contained in our brochure may change at any time without notice. Any use of this product, Hydro-Stop® CJ-5000, in any application should be approved as suitable for use/application by the Design Engineer and Project Manager.

CJSA

Unit 2, 18 Farrow Circuit Seaford Rise,
South Australia 5169, Australia.
Tel +61 432 423 103
Email admin@cjsa.net.au

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SECTION 2. HAZARDS IDENTIFICATION (continued)

GHS label elements

Signal word : No signal word
 Hazard statements : No known significant effects or critical hazards.

Precautionary statements

General : Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.
 Prevention : Not applicable
 Response : Not applicable
 Storage : Not applicable
 Disposal : Not applicable
 Hazards not otherwise classified : None known

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture : Mixture
 Other means of identification : Not available

CAS number/other identifiers

CAS number : Not applicable
 Product code : Not available

<u>Ingredient name</u>	<u>%</u>	<u>CAS number</u>
Distillates (petroleum), solvent-dewaxed heavy paraffinic	≥ 10 - ≥ 25	64742-65-0
Butene, homopolymer (products derived from either/or But-1-ene/But -2-ene)	≥ 1 - ≥ 3	9003-29-6
Crystalline silica, Respirable powder	≥ 1 - ≥ 3	14808-60-7
Rosin	≥ 0.3 - ≥ 1	8050-09-7
2,6-di-tert-Butyl-p-cresol	≥ 0.3	128-37-0

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4. FIRST AID MEASURES

Description of necessary first aid measures

Eye contact : Immediately flush eyes with plenty of water; occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
 Inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
 Skin contact : Flush contaminated skin with plenty of water. Get medical attention if symptoms occur.
 Ingestion : Wash mouth out with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

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SECTION 4. FIRST AID MEASURES (continued)

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact	:	No known significant effects or critical hazards.
Inhalation	:	No known significant effects or critical hazards.
Skin contact	:	No known significant effects or critical hazards.
Ingestion	:	No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact	:	No known significant effects or critical hazards.
Inhalation	:	No known significant effects or critical hazards.
Skin contact	:	No known significant effects or critical hazards.
Ingestion	:	No known significant effects or critical hazards.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician	:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	:	None known
Protection of first-aiders	:	None known

SECTION 5. FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media	:	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	:	None known

Specific hazards arising from the chemical	:	No specific fire or explosion hazard.
Hazardous thermal decomposition products	:	Decomposition materials may include the following materials: carbon dioxide carbon monoxide halogenated compounds metal oxide/oxides

Special protective actions for firefighters	:	No special measures are required.
Special protective equipment for firefighters	:	Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	:	No action shall be taken involving any personal risk or without suitable training. Put on appropriate personal protective equipment.
For emergency responders	:	Take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel."
Environmental precautions	:	Not applicable.

Methods and materials for contaminant and cleaning up

Spill	:	Not applicable
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SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8).
 Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and faces before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures. Remove contaminated clothing and protective equipment before entering eating area.

Conditions for safe storage, including any incompatibilities

Means of safe storage : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink.
 Storage incompatibilities : None known

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control parameters

Occupational exposure limits

Ingredient name

Exposure limits

Distillates (petroleum), solvent-dewaxed heavy paraffinic

ACGIH TLV (United States, 3/2015).
 TWA: 5 mg/m³ 8 hours. Form: Inhalable fraction
NIOSH REL (United States, 10/2013).
 TWA: 5 mg/m³ 10 hours. Form: Mist
 STEL: 10 mg/m³ 15 minutes. Form: Mist
OSHA PEL (United States, 2/2013).
 TWA: 5 mg/m³ 8 hours

Butene, homopolymer
 (products derived from either/or But-1-ene/But-2-ene)

None

Crystalline Silica, Respirable powder

OSHA PEL Z3 (United States, 2013)
 TWA: 250 MPPCF /(%SiO₂+5) 8 hours. Form: Respirable
 TWA: 10 MG/M³/ (%SiO₂+2) 8 hours. Form: Respirable
NIOSH REL (United States, 10/2013).
 TWA: 0.05 mg/m³ 10 hours. Form: Respirable dust
ACGIH TLV (United States, 3/2015).
 TWA: 0.025 mg/m³ 8 hours. Form: Respirable fraction

Rosin

None

2,6-di-tert-Butyl-p-cresol

NIOSH REL (United States, 10/2013).
 TWA: 10 mg/m³ 10 hours.
ACGIH TLV (United States, 3/2015).
 TWA: 2 mg/m³ 8 hours. Form: Inhalable fraction and vapor

Appropriate engineering controls : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
 Environmental exposure controls : Not applicable.

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SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION (continued)

Individual protection measures

Hygiene measures	:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the work period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.
Eye/face protection	:	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gasses or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
Hand protection	:	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Body protection	:	Personal protective equipment for the body should be selected based on the task being performed and the risk involved and should be approved by a specialist before handling this product.
Other skin protection	:	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	:	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state	:	Solid
Color	:	Orange
Odor	:	Unique odor. (slight)
Odor threshold	:	Not available
pH	:	Not available
Melting point	:	Not available
Freezing point	:	Not available
Boiling point / range	:	Not available
Flash point	:	Not available
Burning time	:	Not available
Burning rate	:	Not available
Evaporation rate	:	Not available
Flammability (solid, gas)	:	Not available
Lower and upper explosive (flammable) limits	:	Not available
Vapor pressure	:	Not available
Vapor density	:	Not available
Relative density	:	1.25
Solubility	:	Not available
Partition coefficient n-octanol/water	:	Not available
Auto-ignition temperature	:	Not available
Decomposition temperature	:	Not available
Viscosity	:	Not available

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SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	:	The product is stable.
Possibility of hazardous reactions	:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	:	No specific data.
Incompatible materials	:	Not available
Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Distillates (petroleum), solvent-dewaxed heavy paraffinic Rosin 2,6-di-tert-Butyl-p-cresol	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
	LD50 Oral	Rat	7600 mg/kg	-
	LD50 Oral	Rat	890 mg/kg	-

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
2,6-di-tert-Butyl-p-cresol	Eyes - Moderate irritation	Rabbit	-	24 hours 100 mg	-
	Skin- Moderate irritation	Rabbit	-	48 hours 500mg	-

Carcinogenicity

Classification

Product/ingredient name	OSHA	IARC	NTP	ACGIH	IARC	IARC
Talc, not containing asbestiform fibres	-	3	-	A4	-	-
Distillates (petroleum), solvent-dewaxed heavy paraffinic	-	-	-	A4	-	-
Crystalline silica, Respirable powder	-	1	Known to be a human carcinogen	A2	-	+

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SECTION II. TOXICOLOGICAL INFORMATION (continued over)

Reproductive toxicity
There is no data available

Specific target organ toxicity (single exposure)
There is no data available

Specific target organ toxicity (repeated exposure)
There is no data available

Aspiration hazard

Name	Result
Butene, homopolymer (products derived from either/ or But-1-ene/But-2-ene)	ASPIRATION HAZARD-Category I

Information on the likely routes of exposure : Dermal contact. Eye contact. Inhalation. Ingestion.

Potential acute health effects

Eye contact : No known significant effects or critical hazards.
 Inhalation : No known significant effects or critical hazards.
 Skin contact : No known significant effects or critical hazards.
 Ingestion : No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : No known significant effects or critical hazards.
 Inhalation : No known significant effects or critical hazards.
 Skin contact : No known significant effects or critical hazards.
 Ingestion : No known significant effects or critical hazards.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : No known significant effects or critical hazards.
 Potential delayed effects : No known significant effects or critical hazards.

Long term exposure

Potential immediate effects : No known significant effects or critical hazards.
 Potential delayed effects : No known significant effects or critical hazards.

Potential chronic health effects

General : No known significant effects or critical hazards.
 Carcinogenicity : No known significant effects or critical hazards.
 Mutagenicity : No known significant effects or critical hazards.
 Teratogenicity : No known significant effects or critical hazards.
 Developmental effects : No known significant effects or critical hazards.
 Fertility effects : No known significant effects or critical hazards.

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SECTION 12. ECOLOGICAL INFORMATION

Toxicity

Product/ingredient name	Result	Species	Exposure
2,6-di-tert-Butyl-p-cresol	Acute EC50 1440 µg/L Fresh water	Daphnia-Daphnia pulex-Neonate	48 hours

Persistence and degradability

There is no data available

Bioaccumulative potential

Product/ingredient name	LogPOW	BCF	Potential
Butene, homopolymer (products derived from either/or But-1-ene/But-2-ene)	7.6 to 7.8	314 to 1882	High
Rosin	1.9 to 7.7	-	High
2,6-di-tert-Butyl-p-cresol	5.1	330 to 1800	High

There is no data available

Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available

Other adverse effects : No known significant effects or critical hazards.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

SECTION 14. TRANSPORT INFORMATION

Not regulated/No Hazards

SECTION 15. REGULATORY INFORMATION

Clean Air Act Section 602
Class I Substances

DEA List I Chemicals
(Precursor Chemicals)

Clean Air Act Section 602
Class II Substances

DEA List II Chemicals
(Essential Chemicals)

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SECTION 15. REGULATORY INFORMATION

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 311/312

Classification : Not applicable

Composition/information on ingredients

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
Distillates (petroleum), solvent-dewaxed heavy paraffinic	≥10 - ≥25	No	No	No	No	Yes
Butene, homopolymer (products derived from either /or But-1-ene/But-2-ene)	≥1 - ≥3	No	No	No	Yes	No
Crystalline silica, Respirable powder	≥1 - ≥3	No	No	No	No	Yes
Rosin	≥0.3 - ≥1	No	No	No	Yes	No
2,6-di-tert-Butyl-p-cresol	≥0.3	No	No	No	Yes	No

SARA 313

There is no data available.

State regulations

Massachusetts

The following components are listed: Talc, not containing asbestiform fibres; Cellulose; Magnesium carbonate; Crystalline silica, respirable powder

New York

None of the components are listed.

New Jersey

The following components are listed: Talc, not containing asbestiform fibres; Distillates (petroleum), solvent-dewaxed heavy paraffinic; Cellulose; Magnesium carbonate; Crystalline silica, respirable powder

Pennsylvania

The following components are listed: Talc, not containing asbestiform fibres; Distillates (petroleum), solvent-dewaxed heavy paraffinic; Cellulose; Crystalline silica, Respirable dust.

California Prop 65

WARNING: This product contains a chemical known to the State of California to cause cancer

Ingredient name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
Crystalline silica, Respirable powder	Yes.	No.	No.	No.

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SECTION 16. OTHER INFORMATION

HMIS Classification

Health : 1
Flammability : 0
Physical hazard : 0

History

Date of issue mm/dd/yyyy : 08/04/2016
Version : 2
Revised sections : Section 13

Key to abbreviations

ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships
1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
UN = United Nations

The information and the recommendations relating to the application and end use of this product are given in good faith and are based on the information provided by the manufacturer of the product and/or the Company's current knowledge and experience in connection with the product when properly stored, handled and applied under normal conditions and no liability of final function at the job site is assumed. In practice, the differences in materials substrates and actual site conditions are such that no warranty in respect of merchantability of or fitness for particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written and/or oral recommendations, or from any other advice offered by the Company. The Company also has no express or implied knowledge of any particular purpose for which the product is required and any such information given will not be taken into account in the supply of this product. No responsibility or liability by the Company will be accepted for misuse, misreading or derivation from recommended guidelines in respect of this product and the user shall determine the suitability of the product for his intended use and assume all risks and liability in connection therewith. The information contained in our brochure may change at any time without notice. Any use of this product, Hydro-Stop® CJ-5000, in any application should be approved as suitable for use/application by the Design Engineer and Project Manager.

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