

SAFETY DATA SHEET

J-SEAL® MS1

SECTION 1. PRODUCT NAME AND COMPANY 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 to obtain the most recent SDS.

Product : J-Seal MS1
Chemical family : Modified Silicone

SECTION 2. HAZARDS IDENTIFICATION

PHYSICAL HAZARDS

Not classified

HEALTH HAZARDS

Acute toxicity: (oral)	Category 4
Acute toxicity: (skin)	Category 4
Acute toxicity: (inhalation:gas)	Category 4
Acute toxicity: (inhalation:vapour)	Classification not possible
Acute toxicity: (inhalation:dust,mist)	Classification not possible
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Respiratory sensitization	Not classified
Skin sensitization	Not classified
Germ cell mutagenicity	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.

CJSA

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SECTION 2. HAZARDS IDENTIFICATION (continued)

HEALTH HAZARDS

Carcinogenicity	Not classified
Toxic to reproduction	Not classified
Specific target organ systemic toxicity (single exposure)	Not classified
Specific target organ systemic toxicity (repeated exposure)	Not classified
Aspiration hazard	Classification not possible

ENVIRONMENTAL HAZARDS

Aquatic toxicity (acute)	Not classified
Aquatic toxicity (chronic)	Category 3

ALLOCATION OF LABEL ELEMENTS

Hazard symbol



Signal word
Hazard statement

Warning	
H302	Harmful if swallowed
H312	Harmful if in contact with skin
H332	Harmful if inhaled
H315	Causes skin irritation
H319	Causes serious eye irritation
H412	Harmful to aquatic life with long lasting effects

Precautionary statements
Prevention

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/ eye protection/face protection.

Response

IF SWALLOWED:	Call a POISON CENTER or doctor/physician if you feel unwell.
IF ON SKIN:	Wash with plenty of soap and water.
IF INHALED:	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF IN EYES:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321	Specific treatment (see Reference to supplemental first aid instruction on this label).
P322	Specific measures (see Reference to supplemental first aid instruction on this label).
P330	Rinse mouth.



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SECTION 2. HAZARDS IDENTIFICATION (continued)

Response	P332+P313	If skin irritation occurs: Get medical advice/attention.
	P337+P313	If eye irritation persists: Get medical advice/attention.
	P362	Take off contaminated clothing and wash before reuse.
	P363	Wash contaminated clothing before reuse.

Storage
No precautionary statement.

Disposal
Dispose of contents/container to.....(in accordance with local/regional/national/international regulation).

SECTION 3. COMPOSITION/ HAZARDOUS COMPONENTS

<u>Chemical name(s)</u>	<u>CAS No.</u>	<u>Proportion (%)</u>
Polymer	-	30-50
Di-isononyl phthalate	28553-12-0	10-20
Calcium carbonate	471-34-1	20-40
Titanium dioxide	13463-67-7	5-15
Additives	-	1-5

SECTION 4. FIRST AID MEASURES

Eye contact	:	Flush eyes gently with clean water for 15 minutes. Seek medical attention.
Skin contact	:	Remove contaminated clothing. Wash exposed areas with soap and water. Wash clothing before reuse. Seek medical attention if irritation develops.
Ingestion	:	Rinse mouth with water until it is free from ingested material, then drink a lot of water. Seek immediate medical attention.
Inhalation	:	Immediately move individual away from exposure and into fresh air. If person is not breathing, begin artificial respiration. Keep person warm and quiet. Seek immediate medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Fire fighting media	Small fire	:	Use dry chemical or foam.
	Large fire	:	Use water spray, fog or foam. Water or foam may cause frothing.
Fire fighting instruction	:	Use water spray in order to cool down the surface that is exposed to the fire, and to protect the workers. Shut off source or fuel to fire if it is possible to do so without hazard.	



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SECTION 6. ACCIDENTAL RELEASE MEASURES

SOIL SPILL

Eliminate all sources of ignition. Dike and contain spill with inert material such as sand and earth. Use suitable equipment like pail to scrape the spillage and transfer liquid and solid separately to containers for recovery or disposal. Seek the experts advice regarding the disposal of recovery materials and make sure that it is equivalent to local disposal regulations.

WATER SPILL

Warn the other sewers. Inform the respective person in charge at the nearby port and keep people away from the area. Eliminate all sources if possible to do so without hazard. Dike and contain spill from the surface by using suitable absorbent. Suitable drowning and/or separation can be used at the untrapped marine area, if allowed by the respective local regulatory. Seek the experts advice regarding the disposal of recovery materials and make sure that it is equivalent to local disposal regulations.

SECTION 7. HANDLING AND STORAGE

Precautions to be taken in handling and storing : Store in cool dry area.
 Other precautions : For industrial use only by trained personnel.

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering measures / ventilation : The usage of local exhaust ventilation is recommended to control the emission process near to the sources. Provide a mechanical ventilation for the enclosed area.

PERSONAL PROTECTION

General guides : The usage and selection of personal protective equipment is related to the dangerousness of the product, working place and the product handling. Generally, as minimum safety procedures we recommend users to wear safety goggles which is equipped with side protection, and wear working cloth or uniform which protects their hands, feet, and body. Besides, persons who visit the place at which the product is being handled or processed, must be at least wearing safety goggles.

Respiratory protection : Users are advised to wear a half face filter mask to protect themselves from over exposure through inhalation. Filter material depends on the total and types of chemical being handled at the working place. However, 'P' type filter material or the one which is equivalent can be considered to be used.

Hand protection : When handling this product, users are advised to wear protective gloves made from cotton or latex. The chosen suitable protective gloves depend on the working condition and types of chemical used. However, we have positive experience with gloves made from nitrile. Gloves should be replaced immediately when the degradation effect appears.

Eye protection : Please refer to general guides.

Skin / body protection : Please refer to general guides.



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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling point	:	N/A
Specific Gravity (H ₂ O = 1)	:	1.35-1.52
Vapour density (air=1)	:	N/A
Percent solid by weight (%)	:	≥95
Evaporation rate (butyl acetate=1)	:	N/A
pH	:	Neutral
Appearance and odour	:	Thick paste, odourless

SECTION 10. STABILITY AND REACTIVITY

Stability	:	Stable (avoid over exposure to high heat during storage).
Conditions to avoid	:	Avoid high heat except in used (strong oxidizing agents).
Hazardous decomposition products	:	Oxides of carbon and nitrogen formed upon heating at high temperature.
Hazardous polymerization	:	Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicity Data

LD-50 absorbed orally in rat	200 - 300 mg/kg
LD-50 percutaneous absorption in rat or rabbit	400 - 2000 mg/kg
LC-50 absorbed by inhalation in rat	2 - 20 mg/litre

Carcinogenicity

This substance is not listed as a probable human carcinogen.

Effects of over exposure

Substance and preparations which if inhaled, ingested or penetrated into the skin may involve limited health risks like irritation, headache, nausea, dizziness and fatigue.

Further information

Subacute-chronic toxicity	:	Rat; liver damage, kidney damage, (only after administration of very high doses of substance, after oral administration). According to present knowledge, the liver-toxic effects are specific to rodents, the effects cannot be transferred to humans.
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SECTION 12. ECOLOGICAL INFORMATION

Bioaccumulation	:	Low bioconcentration factor (BCF).
Biodegradability	:	Not biodegradable. Long term adverse effects in the aquatic environment is expected.
Aquatic Toxicity	:	Harmful to aquatic organism.



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SECTION 13. DISPOSAL INFORMATION

- Precautions for disposal considerations :
- : Do not discharge into drains or the environment, dispose of waste collection point.
 - : Use appropriate containment to avoid environment contamination.
 - : Refer to manufacturer/supplier for information on recovery/recycling.
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SECTION 14. TRANSPORT INFORMATION

This product is not classified as hazardous goods according to the respective transportation regulations.

- Precautions :
- : Packaging (drum/steel pail) must be tightly closed and avoid vigorous shaking.
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SECTION 15. REGULATORY INFORMATION

- Safety, health and environmental regulations/legislation specific for the substance or mixture :
- : No data available
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SECTION 16. OTHER INFORMATION

- Product use :
- : Sealant

This information is believed to be accurate for the stated materials only, and represents the best information currently available to CJSA. However, we make no warranty of merchantability or any other warranty, express or implied with respect to such information, and we assume no liability resulting from its use. Any use of this product or method of application, which is not described on the product label or in this safety data sheet is the sole responsibility of the user.

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.

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