

# SAFETY DATA SHEET

## Waterproof X<sup>®</sup>1 Injection Hose System

### **SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**Product name**

Waterproof X<sup>®</sup>1 Injection Hose System

**Use of the product**

Sealant for the building industry

**Supplier**

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: MSDS-WPX1  
Refer to [www.cjsa.net.au](http://www.cjsa.net.au) to obtain the most recent SDS.

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

**Chemical characterization**

Specially formulated plastic on basis PVC (foamed), phthalatfree

<u>Hazardous ingredients ≥1% and toxic ingredients ≥ 0,1%</u>	<u>CAS Number</u>	<u>Einecs Number</u>	<u>Weight %</u>	<u>Danger Symbol</u>	<u>Risk Phrases</u>
xxx	xxx	xxx	xxx	xxx	xxx

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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. ny use of this product; Waterproof X<sup>®</sup>1 in any application should be approved as suitable for use/application by the Design Engineer and Project Manager.

**CJSA**

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

#### **Potential health effects**

During melt processing at elevated temperatures, and especially if heated above around 230C may form fumes which may cause irritation of respiratory tract, and possible coughing and sensation of shortness of breath. Combustible if exposed to flames or exposed to temperature on or above the flash point. Toxic gases will form upon combustion. During melt processing, skin contact with hot material may cause severe thermal burns. Spills of pelletized compound on floor areas can produce a slippage hazard.

#### **Environmental effects**

No significant effects to our knowledge. Hazard warning not required.

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

#### **Eyes**

Product is inert solid in pellets form. Remove from the eye as with any foreign object. Flush eye with large volumes of water. In the case of hot, molten material entering the eye, during processing, seek prompt medical attention, after flushing the eye with large volumes of water.

#### **Mouth (ingestion)**

First aid not normally required in the case of small quantities being ingested. In the case of larger quantities possible abdominal pain and diarrhea may occur.

#### **Lungs (inhalation)**

When fumes of molten material are inhaled, move person to fresh air. In case of severe exposure, and if breathing difficulties continue, call for prompt medical attention.

#### **Skin**

Under normal handling of pellets wash with soap and water. During processing of hot, molten material, any exposed area should be immersed or sprayed with large amounts of cold water to dissipate heat. Cover wound with sterile dressing. No attempt should be made to detach molten material from skin, or to remove contaminated clothing. In case of severe burns seek prompt medical attention.

#### **Clothes**

Remove polluted clothing.

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

#### **Suitable extinguishing media**

Water spray, Foam, Dry Powder, Carbon Dioxide. Block the supply to the fire. Specific Hazards: Dense smoke. Possible combustion products as well as carbon monoxide, carbon dioxide, various hydrocarbons (Avoid Inhalation).

#### **Protection of firefighters**

Wear positive pressure, self contained breathing apparatus.

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

#### **Environmental precautions**

Pellets spilled into water must be removed before they enter watercourses or sewers. Advise authorities if material enters watercourses or sewers.

#### **Clean up procedures**

Sweep up into a container for recycle or suitable disposal. Remove pellets from water by skimming off surface or trawling from bottom. Contact authorities if all material cannot be recovered.

#### **Personal precautions**

Spilled pellets can be a slip hazard, especially on smooth floors.

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

#### **Handling**

It is advised to use a power ventilation system in the vicinity of processing machines to remove possible fume emissions. Molten masses, produced from purging machinery, should be cooled in a suitable area under supervision. All equipment should be earthed. Avoid flammable or explosive sources.

#### **Storage**

Store at ambient temperature (preferably 15°C to 25°C), but avoiding if possible extremes of temperature and humidity. Avoid double stacking of palletised material. Outdoor storage should be avoided (i.e. avoid direct sunlight). Although the material has a long "shelf life", (1 to 2 years), a first in - first out stock rotation system is recommended.

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

#### **Engineering Measures**

Good general ventilation for most processing equipment may be sufficient, but powered ventilation at areas of excessive fume (such as extruder dies, or injection moulding machine heads) may be necessary.

#### **Personal Protective Equipment**

##### **Respiratory protection**

During processing of the molten material adequate ventilation is required. A local exhaust system is recommended over areas of excessive fumes, if this is not practicable wear a dust mask.

##### **Hand protection**

It is recommended to wear protective gloves at all time when handling material. In the case of hot or molten material it is essential to wear heat protective gloves.

##### **Respiratory protection**

During processing of the molten material adequate ventilation is required. A local exhaust system is recommended over areas of excessive fumes, if this is not practicable wear a dust mask.

##### **Eye protection**

Where contact may occur use goggles or safety glasses with side shields. If contact with hot, processed material is possible, use a full face shield.

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### **SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION (continued)**

#### **Skin and body protection**

When processing hot material use thermal resistant arm protection, aprons, and ideally a thermal resistant suit, and boots.

#### **Control parameters**

Threshold Limit Values (TLV) of 5mg/m<sup>3</sup> (respirable dust), and 10mg/m<sup>3</sup> (total dust) dust liberation is not likely to be reached under normal processing conditions.

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### **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical state	: Solid with foaming
Colour	: Blue (Colour variants possible)
Odour	: None to very weak aliphatic.
Density	: 1,10 - 1,35 g/ml
Decomposition temperature	: > 200 °C
Solubility	: Insoluble in water.
Flashpoint	: > 200 °C
Auto ignition temperature	: > 200 °C

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

#### **Chemical stability**

Material is chemically stable under normal handling and storage conditions.

#### **Hazardous decomposition products**

At high temperature processing, fumes may contain traces of hydrocarbons (e.g. methane, ethane, propane).

#### **Materials to avoid**

Strong oxidising agents.

#### **Conditions to avoid**

Excessive heat. At temperatures above 230C the material may generate fume levels sufficient to cause eye and respiratory irritation.

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### **SECTION 11. TOXICOLOGICAL INFORMATION**

Acute toxicity	: None
Local effects	: None
Chronic or Long term toxicity	: None
Sensitization	: None
Special effects (carcinogenicity, mutagenicity, teratogenicity, narcosis)	: None

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### **SECTION 11. TOXICOLOGICAL INFORMATION (continued)**

#### **Exposure routes**

##### **Ingestion**

Minimal toxicity. May cause obstruction if swallowed.

##### **Eye contact**

Pellets may scratch eye surface or cause irritation

##### **Skin contact**

Negligible hazard at room temperature. Contact with hot material, (e.g. during processing), may cause thermal burns.

##### **Inhalation**

At room temperature negligible hazard. Exposure to fume at elevated temperatures, (e.g. during processing), may cause irritation of the respiratory tract, and may cause coughing and a shortness of breath.

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### **SECTION 12. ECOLOGICAL INFORMATION**

Avoid losses to the environment wherever possible, material should not be dumped to ground water.

**Degradability**                      Material is not biodegradable.

**Ecotoxicity**                         No indication this material should be a risk to the environment.

**Aquatic toxicity**                  Negligible. Material is water insoluble.

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### **SECTION 13. DISPOSAL CONSIDERATION**

Dispose in accordance with federal, state and local legislation.

#### **Waste from residues / unused products**

The product can be recycled. Recycling is preferred to disposal or incineration.

#### **Contaminated packaging**

Can be disposed of in same manner as the product.

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

Not classified as dangerous in the meaning of transport regulations. Keep separated from foodstuffs.

By sea according IMDG-Code                      : Not applicable.

By land according ADR                                : Not applicable.

By air according ICAO/IATA-DGR                 : Not applicable.

UN-number    : Not applicable.

Proper shipping name                                : Not applicable.

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

Not classified as dangerous or subject to labeling requirements according to EC directive 1999/45, 1272/2008.

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

This data sheet has been compiled according to 2001/58/EC. The information given in this safety data sheet is based on current knowledge and experience, although no representation, warranty, or guarantee is made to its accuracy, reliability, or completeness. This information is relevant only to materials outlined above, and may not be valid if the material is used in combination with other materials, or in any process. Customers should satisfy themselves as to the suitability and completeness of such information, for their own particular use.

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