

# Safety Data Sheet

**cotec**

## PROSPEC HS

Version: 1.1  
Issued Date: 1/02/2022  
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Issued by: Coating Technologies Limited

### 1. IDENTIFICATION

#### GHS Product Identifier

Prospec Holdout Sealer

#### Product Code(s)

05-200

#### Company Name

Coating Technologies Limited

#### Address

10 Andromeda Crescent, East Tamaki, Auckland 2013

#### Telephone/Fax Number

Telephone: +64 9 837 0897

#### Emergency phone number

+64 9 837 0897 (Monday to Friday 07:30 to 17:00)

#### E-mail Address

[technical@cotec.co.nz](mailto:technical@cotec.co.nz)

#### Recommended use of the chemical and restrictions on use

Industrial application

### 2. HAZARD IDENTIFICATION

Not classified as Hazardous according to the criteria of HSNO.

Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2007 Transport of Dangerous Goods on Land.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Ingredients

Name	CAS	Proportion - %w/w
Quartz	14808-60-7	<0.2
Ingredients determined not to be hazardous or below the hazardous threshold.		To 100%

#### Preparation Description

Waterbased Paint

### 4. FIRST-AID MEASURES

#### Inhalation

If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.

#### Ingestion

Do not induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.

## **Skin**

Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

## **Eye contact**

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and/or persist seek medical attention.

## **First Aid Facilities**

Eyewash and normal washroom facilities.

## **Advice to Doctor**

Treat symptomatically.

## **Other Information**

For advice in an emergency, contact the National Poisons Centre (0800 764 766), or a doctor, at once.

# **5. FIRE-FIGHTING MEASURES**

## **Suitable Extinguishing Media**

Carbon dioxide, dry chemical, foam, water fog or water mist.

## **Unsuitable Extinguishing**

Water with full jet.

## **Hazards from Combustion Products**

Toxic products may be given off in a fire.

## **Decomposition Temperature**

Not available

## **Precautions in connection with Fire**

Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. Fight fire from safe location.

# **6. ACCIDENTAL RELEASE MEASURES**

## **Emergency Procedures**

Increase ventilation. If possible, contain the spill. Wear appropriate personal protective equipment and clothing to prevent exposure. Spillage can be slippery. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations. Dispose of waste according to the applicable local and national regulations.

# **7. HANDLING AND STORAGE**

## **Precautions for Safe Handling**

Use only in a well-ventilated area. Keep containers tightly closed. Prevent the buildup of dusts, mists or vapours in the work atmosphere. Maintain high standards of personal hygiene i.e., washing hands prior to eating, drinking, smoking or using toilet facilities.

## **Conditions for safe storage, including any incompatibilities**

Protect from freezing. Store in a cool, dry, well-ventilated area, out of direct sunlight. Store in suitable, labelled containers. Ensure that storage conditions comply with applicable local and national regulations.

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

## **Occupational exposure limit values**

Exposure Standards			
Product/Ingredient	WES/TWA	WES/STEL	Reference
Quartz (14808-60-7)	0.2 mg/m <sup>3</sup> - respirable dust		NZ-WES

### Biological Limit Values

No biological limits allocated.

### Appropriate Engineering Controls

Use with good general ventilation. If mists or vapours are produced, local exhaust ventilation should be used.

### Respiratory Protection

If engineering controls are not effective in controlling airborne exposure, then an approved respirator with a replaceable vapor/mist filter should be used. If engineering controls are not effective in controlling airborne exposure, then an approved respirator with a replaceable vapor/mist filter should be used. Reference should be made to Australia/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

### Eye Protection

Safety glasses with side shields, chemical goggles, or full-face shield as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform to relevant regulations. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

### Hand Protection

Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e., methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

### Body Protection

Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Form

Liquid

### Colour

White

### Odour

Mild

### Decomposition Temperature

Not available

### Melting Point

Not available

### Boiling Point

Not available

### Solubility in Water

Soluble

### Specific Gravity

1.20-1.40

**pH when packed**

8.0-10.0

**Vapour Pressure**

Not available

**Vapour Density (Air=1)**

Not available

**Evaporation Rate**

Not available

**Odour Threshold**

Not available

**Partition Coefficient: n-octanol/water**

Not available

**Flash Point**

Not applicable

**Flammability**

Noncombustible material

**Auto-Ignition Temperature**

Not applicable

**Flammable Limits - Lower**

Not applicable

**Flammable Limits - Upper**

Not applicable

**Kinematic Viscosity**

Not available

**Dynamic Viscosity**

Not available

**Freeze thaw stability**

Stable

## 10. STABILITY AND REACTIVITY

**Reactivity**

Not expected to be a problem.

**Chemical Stability**

Stable under normal conditions of storage and handling

**Conditions to Avoid**

Extremes of temperature and direct sunlight. Protect from freezing.

**Incompatible materials**

Strong oxidising agents. Strong acids and bases.

**Hazardous Decomposition Products**

Thermal decomposition may result in the release of toxic and/or irritating fumes.

**Possibility of hazardous reactions**

Not available

## **Hazardous Polymerization**

Will not occur.

## **11. TOXICOLOGICAL INFORMATION**

Original data sourced from raw material SDSs and/or CCID.

<b>Estimated Acute Toxicity - product</b>
LD50 Oral: Not applicable
LD50 Dermal: Not applicable
LC50 Inhalation: Not applicable

### **Ingestion**

Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

### **Inhalation**

Inhalation of product vapours may cause irritation of the nose, throat, and respiratory system.

### **Skin**

May be irritating to skin. The symptoms may include redness, itching and swelling.

### **Eye**

May be irritating to eyes. The symptoms may include redness, itching and tearing.

### **Chronic Effects**

Not applicable

Note – The Quartz content exceeds the threshold for Specific Target Organ Toxicity (inhalation) and/or Carcinogenicity (inhalation). However these classifications do not apply, as this ingredient is dispersed in binder/water, and is not able to be inhaled.

## **12. ECOLOGICAL INFORMATION**

### **Ecotoxicity**

Not ecotoxic according to the criteria of HSNO.

### **Toxicity**

Product Calculated Aquatic Ecotoxicity – L(E)C50: >100 mg/L

### **Persistence and degradability**

Not available

### **Mobility**

Not available

### **Bioaccumulative Potential**

Not available

### **Other Adverse Effects**

Not available

### **Environmental Protection**

Prevent this material entering waterways, drains and sewers.

## **13. DISPOSAL CONSIDERATIONS**

## Disposal considerations

The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

### Product Disposal

This product can be disposed through a licensed commercial waste collection service. Product wastes are controlled wastes and should be disposed of in accordance with all applicable local and national regulations. This is a water-based/water-soluble product and therefore can be sent through a Wastewater Treatment Plant and after treatment can be discharged into environment through the sewerage or drainage systems as authorized. Personal protective clothing and equipment as specified in Section 8 of this SDS must be worn during handling and disposal of this product. The ventilation requirements as specified in the same section must also be followed, and the precautions given in Section 7 of this SDS regarding handling must also be followed. Do not dispose into the sewerage system. Dispose of waste according to applicable local and national regulations. In New Zealand, the disposal agency or contractor must comply with the New Zealand Hazardous Substances (Disposal) Regulations 2001. Further details regarding disposal can be obtained on the ERMA New Zealand website under specific group standards.

### Container Disposal

The container or packaging must be cleaned and rendered incapable of holding any substance. It can then be disposed of in a manner consistent with that of the substance it contained. In this instance the packaging can be disposed through a commercial waste collection service. Alternatively, the container or packaging can be recycled if the hazardous residues have been thoroughly cleaned or rendered non-hazardous. In New Zealand, the packaging (that may or may not hold any residual substance) that is lawfully disposed of by householders or other consumers through a public or commercial waste collection service is a means of compliance with regulations.

## 14. TRANSPORT INFORMATION

### Transport Information

Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2007 Transport of Dangerous Goods on Land.

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

## 15. REGULATORY INFORMATION

### Regulatory information

Not classified as Hazardous according to the criteria of HSNO.

## 16. OTHER INFORMATION

### Contact Person/Point

IMPORTANT ADVICE: This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact the supplier listed in section 1 of the SDS. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

### Technical Contact Numbers

For further information, contact Coating Technologies Ltd on +64 9 837 0897, however, in emergencies contact National Poisons Centre (0800 764 766).

### Glossary

HSNO = Hazardous Substances and New Organisms Act 1996

EPA = Environmental Protection Authority (NZ)

CCID = Chemical Classification & Identification Database (EPA)

WES = NZ Work Exposure Standard

TWA = Time Weighted Average

STEL = Short Term Exposure Limit