



## SAFETY DATA SHEET

# GLOBAL HRC

Infosafe No.: LQ21H  
Version No.: 2.1  
ISSUED Date : 29/11/2022  
ISSUED by: UNISEAL MANUFACTURING

## Section 1 - Identification

### Product Identifier

GLOBAL HRC

### Company Name

UNISEAL MANUFACTURING (ABN 26 935 350 623)

### Address

17 Ryelane Street Maddington  
WA 6109 Australia

### Telephone/Fax Number

Telephone: 1300 577 719 Fax number: 1300 366 353

### Emergency Phone Number

+61 8 9452 0477

### E-mail Address

uniseal@sealingservices.com.au

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

Paint for surface protection and decorative finishes.

## Section 2 - Hazard(s) Identification

### GHS classification of the substance/mixture

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

## Section 3 - Composition and Information on Ingredients

### Ingredients

| Name  | CAS        | Proportion |
|---|------------|------------|
| Limestone   | 1317-65-3  | 10-30 %    |
| Titanium dioxide  | 13463-67-7 | 10-30 %    |
| 1,2-Propanediol   | 57-55-6    | <2 %       |
| 2-Methyl-4-isothiazolin-3-one                               | 2682-20-4  | <0.0015 %  |
| Ingredients determined not to be hazardous, including water |            | Balance    |



## **SAFETY DATA SHEET**

### **Preparation Description**

Solvent free dispersant based on PVC and acrylic resins with mineral fillers and light fast pigments.

## **Section 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**

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. 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 a Poisons Information Centre (Phone Australia 131 126) or a doctor at once.

## **Section 5 - Firefighting Measures**

---

### **Suitable Extinguishing Media**

Use appropriate fire extinguisher for surrounding environment.

### **Hazards from Combustion Products**

Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.

### **Specific hazards arising from the chemical**

This product is non combustible. However, following evaporation of aqueous component under fire conditions, the non-aqueous component may decompose and/or burn.

### **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. Water spray may be used to cool down heat-exposed containers.



## SAFETY DATA SHEET

### Section 6 - Accidental Release Measures

#### Emergency Procedures

Wear appropriate personal protective equipment and clothing to prevent exposure. Increase ventilation. If possible contain the spill. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. As a water based product, if spilt on electrical equipment the product will cause short-circuits. Do not dilute material but contain. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

### Section 7 - Handling and Storage

#### Precautions for Safe Handling

Avoid inhalation of vapours and mists, and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of 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

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

### Section 8 - Exposure Controls and Personal Protection

#### Occupational exposure limit values

| Substance         | Regulations         | Exposure Duration | Exposure Limit | Units             | Notes  |
|-------------------|---------------------|-------------------|----------------|-------------------|--|
| Calcium carbonate | Safe Work Australia | TWA               | 10             | mg/m <sup>3</sup> | (a) inhalable dust containing no asbestos and < 1% crystalline silica. |
| Titanium dioxide  | Safe Work Australia | TWA               | 10             | mg/m <sup>3</sup> | (a) inhalable dust containing no asbestos and <1% crystalline silica   |
| 1,2-Propanediol   | Safe Work Australia | TWA               | 150            | ppm               | (Total vapour and particulates)  |
| 1,2-Propanediol   | Safe Work Australia | TWA               | 474            | mg/m <sup>3</sup> | (Total vapour and particulates)  |

#### Biological Monitoring

No biological limits allocated.

#### Control Banding

Not available



## **SAFETY DATA SHEET**

### **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. Refer to relevant regulations for further information concerning respiratory protective requirements.

Reference should be made to Australian 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 and Face 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 (series) - 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.

### **Thermal Hazards**

No further relevant information available.

### **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.



## SAFETY DATA SHEET

### Section 9 - Physical and Chemical Properties

| Properties                      | Description               | Properties   | Description   |
|---------------------------------|---------------------------|--|---|
| Form                            | Liquid                    | Appearance   | White or pigmented creamy liquid                              |
| Colour                          | White or creamy           | Odour  | Natural odour   |
| Melting Point                   | Not available             | Boiling Point                                      | 100°C   |
| Decomposition Temperature       | Not available             | Solubility in Water                                | Miscible  |
| pH                              | 7-9                       | Vapour Pressure                                    | Not available   |
| Relative Vapour Density (Air=1) | Not available             | Evaporation Rate                                   | Not available   |
| Odour Threshold                 | Not available             | Viscosity  | Refer to Section 9: Kinematic Viscosity and Dynamic Viscosity |
| Volatile Component              | Not available             | Partition Coefficient: n-octanol/water (log value) | Not available   |
| Density                         | 1.25 kg/L                 | Flash Point  | Not applicable  |
| Flammability                    | Non combustible material. | Auto-Ignition Temperature                          | Not applicable  |
| Flammable Limits - Lower        | Not applicable            | Flammable Limits - Upper                           | Not applicable  |
| Explosion Properties            | Not available             | Oxidising Properties                               | Not available   |
| Kinematic Viscosity             | Not available             | Dynamic Viscosity                                  | Not available   |

### Section 10 - Stability and Reactivity

#### Reactivity

Refer to Section 10: Possibility of hazardous reactions

#### Chemical Stability

Stable under normal conditions of storage and handling.

#### Possibility of hazardous reactions

Not available

#### Conditions to Avoid

Extremes of temperature and direct sunlight.

#### Incompatible Materials

Not available

#### Hazardous Decomposition Products

Thermal decomposition may result in the release of toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.



## SAFETY DATA SHEET

### Hazardous Polymerization

Not available

## Section 11 - Toxicological Information

---

### Toxicology Information

No toxicity data available for this material.

### 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.

### Respiratory Sensitisation

Not expected to be a respiratory sensitiser.

### Skin Sensitisation

Not expected to be a skin sensitiser.

### Germ Cell Mutagenicity

Not considered to be a mutagenic hazard.

### Carcinogenicity

Not considered to be a carcinogenic hazard.

Titanium dioxide is listed as a Group 2B: Possibly carcinogenic to humans according to International Agency for Research on Cancer (IARC).

### Reproductive Toxicity

Not considered to be toxic to reproduction.

### STOT - Single Exposure

Not expected to cause toxicity to a specific target organ.

### STOT - Repeated Exposure

Not expected to cause toxicity to a specific target organ.

### Aspiration Hazard

Not expected to be an aspiration hazard.

## Section 12 - Ecological Information

---

### Ecotoxicity

No ecological data available for this material.

### Persistence and degradability

Not available

### Mobility

Not available



## **SAFETY DATA SHEET**

### **Bioaccumulative Potential**

Not available

### **Other Adverse Effects**

Not available

### **Environmental Protection**

Prevent this material entering waterways, drains and sewers.

### **Hazardous to the Ozone Layer**

This product is not expected to deplete the ozone layer.

## **Section 13 - Disposal Considerations**

---

### **Disposal Considerations**

Dispose of waste according to applicable local and national regulations. Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable local and national regulations.

To minimise personal exposure, refer to Section 8 - Exposure Controls and Personal Protection..

## **Section 14 - Transport Information**

---

### **Transport Information**

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

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.

### **ADG U.N. Number**

None Allocated

### **ADG Proper Shipping Name**

None Allocated

### **ADG Transport Hazard Class**

None Allocated

### **ADG Packing Group**

None Allocated

### **Special Precautions for User**

Not available

### **IATA UN Number**

None Allocated

### **IATA Proper Shipping Name**

Not dangerous for conveyance under IATA code

### **IATA Transport Hazard Class**

None Allocated



## **SAFETY DATA SHEET**

### **IATA Packing Group**

None Allocated

### **IMDG UN Number**

None Allocated

### **IMDG Proper Shipping Name**

Not dangerous for conveyance under IMO/IMDG code

### **IMDG Transport Hazard Class**

None Allocated

### **IMDG Packing Group**

None Allocated

### **IMDG Marine pollutant**

No

### **Transport in Bulk**

Not available

## **Section 15 - Regulatory Information**

---

### **Regulatory Information**

Classified as non-hazardous according to the Globally Harmonised System of classification and labelling of chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

### **Poisons Schedule**

Not Scheduled

### **Montreal Protocol**

Not Listed

### **Stockholm Convention**

Not Listed

### **Rotterdam Convention**

Not Listed

### **International Convention for the Prevention of Pollution from Ships (MARPOL)**

Not available

### **Agricultural and Veterinary Chemicals Act 1994**

Not applicable

### **Basel Convention**

Not Listed

## **Section 16 - Any Other Relevant Information**

---

### **Date of Preparation**

SDS Reviewed: November 2022, Supersedes: December 2017

### **Literature References**





## **SAFETY DATA SHEET**

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.  
Standard for the Uniform Scheduling of Medicines and Poisons.  
Australian Code for the Transport of Dangerous Goods by Road & Rail.  
Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.  
Code of Practice for Supply Diversion into Illicit Drug Manufacture.  
National Code of Practice for Chemicals of Security Concern.  
Agricultural Compounds and Veterinary Chemicals Act.  
International Agency for Research on Cancer (IARC) Monographs.  
Montreal Protocol on Substances that Deplete the Ozone Layer.  
Stockholm Convention on Persistent Organic Pollutants (POPs).  
Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade.  
Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and Their Disposal.  
International Air Transport Association (IATA) Dangerous Goods Regulations.  
International Maritime Dangerous Goods (IMDG) Code.  
Workplace exposure standards for airborne contaminants.  
Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).  
Globally Harmonised System of Classification and Labelling of Chemicals (7th revised edition).  
Code of Practice: Managing Noise and Preventing Hearing Loss at Work.

## **END OF SDS**

© Copyright Chemical Safety International Pty Ltd

Copyright in the source code of the HTML, PDF, XML, XFO and any other electronic files rendered by an Infosafe system for Infosafe SDS displayed is the intellectual property of Chemical Safety International Pty Ltd.

Copyright in the layout, presentation and appearance of each Infosafe SDS displayed is the intellectual property of Chemical Safety International Pty Ltd.

The compilation of SDS's displayed is the intellectual property of Chemical Safety International Pty Ltd.

Copying of any SDS displayed is permitted for personal use only and otherwise is not permitted. In particular the SDS's displayed cannot be copied for the purpose of sale or licence or for inclusion as part of a collection of SDS without the express written consent of Chemical Safety International Pty Ltd.