



## SAFETY DATA SHEET

# GLOBAL FLEXIBLE FILLER

Infosafe No.: LQ2GQ  
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ISSUED Date : 06/12/2017  
ISSUED by: UNISEAL MANUFACTURING

## 1. IDENTIFICATION

### GHS Product Identifier

GLOBAL FLEXIBLE FILLER

### Company Name

UNISEAL MANUFACTURING (ABN26 935 350 623)

### Address

17 Ryelane Street Maddington  
WA 6109 Australia

### Telephone/Fax Number

Telephone: 1300 577 719 Fax number: 1300 366 353

### E-mail Address

uniseal@sealingservices.com.au

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

Flexible granulated mastic for filling voids and cavities.

## 2. HAZARD IDENTIFICATION

### GHS classification of the substance/mixture

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 Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Ingredients

| Name   | CAS        | Proportion |
|--|------------|------------|
| Quartz [Silica Crystalline]                                  | 14808-60-7 | 30-50 %    |
| Ingredients determined not to be hazardous, including water. |            | Balance    |

### Preparation Description

Flexible water based acrylic mastic with mineral fillers and pigments.



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### **4. FIRST-AID MEASURES**

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#### **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. 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 or a doctor at once. (131 126)

### **5. FIRE-FIGHTING MEASURES**

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#### **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.



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### 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.

### 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.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Occupational exposure limit values

| Substance                   | Regulations         | Exposure Duration | Exposure Limit | Units | Notes             |
|-----------------------------|---------------------|-------------------|----------------|-------|-------------------|
| Quartz [Silica Crystalline] | Safe Work Australia | TWA               | 0.1            | mg/m3 | (respirable dust) |

#### 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 mist/dust 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 (2009), Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716 (2012), 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.



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Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 2 & 6 (2012) - Eye Protectors for Industrial Applications.

### **Hand Protection**

Wear gloves of impervious material such as rubber. 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 (2016): 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**

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### **Form**

Paste

### **Appearance**

Coloured granulated mastic

### **Colour**

Colour depends on added pigment

### **Odour**

Mild odour

### **Decomposition Temperature**

Not available

### **Melting Point**

Not available

### **Boiling Point**

100°C

### **Solubility in Water**

Miscible

### **pH**

7-9

### **Vapour Pressure**

Not available

### **Vapour Density (Air=1)**

Not available

### **Evaporation Rate**

Not available

### **Odour Threshold**

Not available

### **Viscosity**

Refer to Section 9: Kinematic Viscosity and Dynamic Viscosity



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### **Volatile Component**

VOC content: <5 g/L

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

Not available

### **Density**

0.90-0.95 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

## **10. STABILITY AND REACTIVITY**

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### **Reactivity**

Refer to Section 10: Possibility of hazardous reactions

### **Chemical Stability**

Stable under normal conditions of storage and handling.

### **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.

### **Possibility of hazardous reactions**

Not available



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### **Hazardous Polymerization**

Not available

## 11. TOXICOLOGICAL INFORMATION

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### **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 dusts/vapors may irritate the 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.

Crystalline silica (Quartz) is listed as a Group 1: Carcinogenic to humans according to International Agency for Research on Cancer (IARC).

This product contains crystalline silica. No exposure to free respirable crystalline silica is anticipated during normal use of this product as silica is bound in the liquid/paste. It should be noted, however, that respirable crystalline silica has been listed as a Group 1 human carcinogen by the IARC. Inhalation of respirable silica may cause cancer, silicosis or other serious delayed lung injury. Grinding or machining of coated materials may release silica. Use approved dust respirator when grinding, sanding or machining the dried items.

### **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.



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### **12. ECOLOGICAL INFORMATION**

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**Ecotoxicity**

No ecological data available for this material.

**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**

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**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.

### **14. TRANSPORT INFORMATION**

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**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.

**U.N. Number**

None Allocated

**UN proper shipping name**

None Allocated

**Transport hazard class(es)**

None Allocated

**Packing Group**

None Allocated

**UN Number (Air Transport, ICAO)**

None Allocated



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### **IATA/ICAO Proper Shipping Name**

Not dangerous for conveyance under IATA code

### **IATA/ICAO Hazard Class**

None Allocated

### **IATA/ICAO Packing Group**

None Allocated

### **IMDG UN No**

None Allocated

### **IMDG Proper Shipping Name**

Not dangerous for conveyance under IMO/IMDG code

### **IMDG Hazard Class**

None Allocated

### **IMDG Pack. Group**

None Allocated

### **IMDG Marine pollutant**

No

### **Transport in Bulk**

Not available

### **Special Precautions for User**

Not available

## **15. REGULATORY INFORMATION**

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### **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

## **16. OTHER INFORMATION**

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### **Date of preparation or last revision of SDS**

SDS Created: December 2017

### **References**

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.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants.

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).



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**SAFETY DATA SHEET**

Globally Harmonised System of classification and labelling of chemicals.

## **END OF SDS**

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