



MATERIAL SAFETY DATA SHEET

Product Name: **Liquid Quartz**

FILE NO.: MOA/LQ/1001

MSDS DATE: 01/10/2015

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SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Liquid Quartz

Company Name: Made OF Australia
Address: PO Box 300
Lismore NSW 2480

Telephone: +61 423 408 908
Business Hours 9:00am to 5:00pm, Monday to Friday

Other Names Not Applicable

Recommended Use: For coating of unglazed ceramic and natural stone to achieve a hydrophobic surface.

SECTION 2: HAZARDS IDENTIFICATION

Hazard Classification: This product is classified as a **NON HAZARDOUS SUBSTANCE** according to the criteria of NOHSC.

NON DANGEROUS GOODS according to the code of ADG.

Risk Phrases: Not applicable

Safety Phrases Not applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterisation Ingredients:

<u>Name</u>	<u>CAS</u>	<u>Proportion</u>	<u>Hazard Symbol</u>	<u>Risk Phrase</u>
Water	7732-18-5	<60	-	-
Modified hybrid materials in aqueous Solutions#	-	>10	-	-

materials determined not to be hazardous

SECTION 4: FIRST AID MEASURES

General Advice: Remove contaminated or saturated clothing

Inhalation: Not expected to be an inhalation hazard. Remove victim from exposure. Take affected persons out into the fresh air. In case of persistent discomfort seek medical attention

Ingestion: Have the mouth rinsed with water. Have the patient drink plenty of water in small sips. Do not induce vomiting. If vomiting occurs naturally have patient lean forward to reduce risk of aspiration into the lungs. Obtain medical attention.

Skin Contact: Wash off immediately with plenty of water. If irritation develops seek medical advice.

Eye contact: Keeping eyelid open, immediately rinse thoroughly for at least 5 minutes using plenty of water or, eye rinsing solution. Seek medical attention



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Notes to physician: Non specific. Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

Specific Measures: Use fire extinguishing methods suitable to surrounding area.

Specific Hazards: None. The product itself is not combustible.

Hazchem Code: Not applicable

Precautions for Firefighters No special protective equipment measure required.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: In case of spill, particular danger of slipping on leaked / spilled product. Isolate hazard area and deny entry.

Environmental precautions: Prevent liquid entering sewers. Do not allow to enter surface waters, storm drains, etc.

Small spills: Take immediate steps to stop and contain the spill. Caution should be excised regarding personnel safety and exposure to be spilled material. Absorb small spills onto paper towels and evaporate in a safe place Flush the contaminated area with plenty of water.

Large spills: Stop leak if you can do it without risk. Restrict access to area until completion of clean-up procedure. Large quantities should be absorbed on to sand, earth or non combustible absorbent material and removed to a safe area for disposal. Flush the contaminated area with plenty of water.

SECTION 7: HANDLING AND STORAGE

Conditions for safe Storage: Keep container tightly closed in a cool, dry and well-ventilated place away from direct sunlight. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Check regularly for leakage.

Handling and Storage: Keep out of reach of children. Avoid eye contact and repeated or prolonged skin contact

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards No value assigned for this specific material by NOHSC

Other Exposure Information Not applicable

Engineering Controls: Provide adequate ventilation. If using indoors keep windows and doors open during use. Keep containers closed when not in use.

Respiratory Protection: Where ventilation is not adequate, respiratory protection may be required. Avoid breathing vapours or mists,

Eye Protection: Use safety glasses with side shield protection as appropriate.



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- Skin Protection:** Use of occupational protective gloves of PVC, neoprene, or nitrile rubber gloves are recommended.
- Other Protective Clothing or Equipment:** Safety boots in industrial situations is advisable.
- Hygienic Measures:** Always wash hand before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- Form:** Liquid
- Appearance:** Slightly opaque, colourless
- Odor:** odourless
- Melting Point:** Not Applicable
- Boiling Point:** >100°C (water)
- Freezing Point:** Undetermined
- Solubility in Water:** fully miscible
- Flash Point:** Not applicable
- Flammability Limits:** Not applicable
- Auto ignition Temp:** Not applicable
- Vapor Pressure:** Not determined
- Density:** $1 \pm 0.03 \text{ g/cm}^3$ at 20 °C
- Evaporation Rate:** Not determined
- pH value at 20°C:** 3.0 -5.0 (50% in water)
- Vapor Density:** Not determined
- Viscosity Dyn(20 °C):** 1-10 mPas

SECTION 10: STABILITY AND REACTIVITY

- Chemical Stability:** Stable under normal conditions of use.
- Conditions to avoid:** No further relevant information available
- Incompatible** No further relevant information available



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materials:

Hazardous Decomposition: May liberate toxic fume in fire producing carbon monoxide and or carbon dioxide.

Hazardous reactions: Non known

SECTION 11: TOXICOLOGICAL INFORMATION

General: From our experience and the information provided to us this product does present any adverse health effects if the product is handled in accordance with this Material Safety Data Sheet and product label.

Ingestion: May cause nausea and vomiting

Eye Contact: Maybe an eye irritant

Skin Contact: Contact with the skin may result in irritation

Inhalation: Where the material is used in a poorly ventilated area, at elevated temperature or in confined spaces, vapour may cause irritation to the mucous membranes of the respiratory tract.

SECTION 12: ECOLOGICAL INFORMATION

Ecological Information: No ecological problems are expected to occur when the product is handled and used with due care and attention

Ecotoxicity: Avoid contaminating waterways

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Considerations Whatever cannot be saved for recovery or recycling should be disposed of according to relevant local authority, state and federal government regulations.

SECTION 14: TRANSPORT INFORMATION

Road and Rail Transport: Not classified as Dangerous Goods by Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; **NON DANGEROUS GOODS**

Marine Transport: Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; **NON DANGEROUS GOODS**

Air Transport: Not classified as Dangerous Goods by the criteria of the International air Transport Association (IATA) Dangerous Goods Regulations for transport by air; **NON DANGEROUS GOODS**

UN Number: **Not applicable**

UN proper Shipping Name: **Not applicable**

Transport Hazard: **Not applicable**



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Packaging Group: Not applicable

SECTION 15: REGULATORY INFORMATION

Classification: Based on available information, not classified as hazardous according to criteria of Safe Work Australia; Non-Hazardous Substance.

Poisons Schedule: Not scheduled

SECTION 16: OTHER INFORMATION

DISCLAIMER: The information contained in this Material Safety Data Sheet (MSDS) is believed to be correct and was obtained from sources we believe are reliable. However, since data, safety standards and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control, we make no warranty either expressed or implied, with respect to the completeness or accuracy to the information contained herein. Made OF Australia makes no representations, guarantees or warranties of any kind as to the accuracy, suitability for particular applications, hazards connected with the use of the material, or the results to be obtained from the use thereof. User assumes all risks and liability of any use, processing or handling of any material, variations in methods, conditions and equipment used to store, handle or process the material and hazards connected with the use of the material are solely the responsibility of the user and remain at their sole discretion. Compliance with all applicable federal, state, and local laws and regulations remains the responsibility of the user, and the user has the responsibility to provide a safe work place, to examine all aspects of its operation and to determine if or where precautions, in addition to those described herein, are required.

Abbreviations and

acronyms: IATA: International Air Transport Association
IMDG: International Maritime Code for Dangerous Goods
ADG Australian Dangerous Goods
NOHSC National Occupational Health & Safety Commission