

SAFETY DATA SHEET

Page 1



GH INTERNATIONAL SEALANTS ULC
2540 RENA ROAD
MISSISSAUGA, ONTARIO, L4T 3C9
CANADA
1-905-677-5522

PRODUCT: ANTI-SLIP COATING

CODE: 5551

SECTION 01: IDENTIFICATION

Supplier identifier..... GH INTERNATIONAL SEALANTS ULC
2540 Rena Road
Mississauga, ON. L4T 3C9
1-905-677-5522
Product identifier..... ANTI-SLIP COATING
Product code..... 5551
Product use..... Skid proof coating.
Emergency telephone number..... CANUTEC 24-hour number (613-996-6666). CHEMTREC 1-800-424-9300.

SECTION 02: HAZARD IDENTIFICATION

Hazard classification..... Not a hazardous substance or mixture.
Signal word..... None.
Hazard statement..... None.
Precautionary statements..... None.
Other hazards..... None.
Comments..... Prolonged overexposure to respirable crystalline silica may cause lung disease (silicosis) and increase the risk of lung cancer. Under normal conditions of use, exposure is not expected to occur.

SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	WT. %
Crystalline silica, quartz	14808-60-7	30-50

SECTION 04: FIRST-AID MEASURES

Routes of exposure
Inhalation..... No Exposure expected under normal use. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.
Ingestion..... Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if necessary.
Skin contact..... Remove contaminated clothing. Wash thoroughly with soap and water. If irritation develops, get medical aid.
Eye contact..... Do not rub eyes. Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.
Most important symptoms and effects, both acute and delayed . The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.
Medical attention and special treatment..... If you feel unwell, seek medical attention. If possible, show this SDS to doctor in attendance. No hazards which require special first aid measures.

SECTION 05: FIRE-FIGHTING MEASURES

Extinguishing media..... Not flammable. Use an extinguishing agent suitable for the surrounding fire.
Hazardous combustion products..... Carbon monoxide, carbon dioxide, hydrocarbons.
Special protective equipment and precautions Material can be slippery when wet. In the event of fire, wear self-contained breathing apparatus.
Further information..... Product will not burn as supplied. Dried film may burn if subject to source of ignition.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Use personal protective clothing. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Eliminate all sources of ignition. Ensure adequate ventilation. Restrict access to area until completion of clean up. Evacuate personnel to safe areas. Ensure clean up is conducted by trained personnel only. Local authorities should be advised if significant spillages cannot be contained.
Environmental precautions..... Prevent spilled material from entering the ground, water and/or air by using appropriate containment methods.
Methods and materials for containment and cleaning up Stop leak. Dike and contain spill. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into container. Clean surface thoroughly to remove residual contamination. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.

PRODUCT: ANTI-SLIP COATING

CODE: 5551

SECTION 07: HANDLING AND STORAGE

Handling precautions..... Use only with adequate ventilation. Wear appropriate personal protective equipment.
 Storage needs..... Keep containers from excessive heat and freezing. Protect container from physical damage.
 Materials to avoid..... Keep away from strong acids. Keep away from strong bases. Keep away from oxidizing agents.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Crystalline silica, quartz	0.025 mg/m3 (respirable fraction)	not available	not available	not available		0.05 mg/m3 (respirable dust)
Engineering controls.....	Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.					
Individual protection measures						
Eye/type.....	Safety glasses with side-shields.					
Clothing/type.....	Wear clean long legged, long sleeved work clothes.					
Gloves/ type.....	Wear chemical protective gloves made of nitrile or neoprene.					
Respiratory/type.....	If using in a poorly ventilated area, wear a properly fitted respirator (NIOSH approved) during exposure.					
Hygiene measures.....	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke during work.					

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance..... thick liquid.
 Color..... beige, off-white.
 Odour..... mild.
 Odour threshold..... no data available.
 pH..... 8-8.9.
 Melting point (°C)..... not applicable.
 Freezing point (°C)..... 0.
 Initial boiling point (°C)..... 100.
 Flash point (°C), Method..... >100°C, closed cup.
 Evaporation rate..... no data available.
 Upper flammability limit (% vol)..... no data available.
 Lower flammability limit (% vol)..... no data available.
 Vapour pressure (mm Hg)..... no data available.
 Vapour density (air=1)..... no data available.
 Relative density/Specific Gravity..... 1.55.
 Water solubility..... dispersible.
 Solubility in other solvents..... no data available.
 Partition coefficient — n-octanol/water..... no data available.
 Auto ignition temperature (°C)..... > 200 °C.
 Thermal decomposition temperature..... no data available.
 Viscosity..... no data available.
 % volatile by volume..... 55-75.

SECTION 10: STABILITY AND REACTIVITY

Reactivity..... No hazardous reactions if stored and handled as prescribed/indicated.
 Chemical stability..... The product is stable if stored and handled as prescribed/indicated.
 Possibility of hazardous reactions..... No hazardous reactions when stored and handled according to instructions. The product is chemically stable.
 Conditions to avoid..... Keep away from incompatibles such as oxidizing agents.
 Incompatible materials..... Acids, strong oxidizing agents.
 Hazardous decomposition products..... Decomposition will not occur if handled and stored properly. In case of fire, oxides of carbon (CO and CO₂), fumes and smoke may be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Crystalline silica, quartz	not available	500 mg/kg (oral-rat)
Routes of exposure		
Inhalation.....	Inhalation of vapours may cause irritation to the nose, throat and respiratory tract.	

PRODUCT: ANTI-SLIP COATING

CODE: 5551

SECTION 11: TOXICOLOGICAL INFORMATION

Ingestion.....	May cause irritation of the stomach.
Skin contact.....	Contact may cause skin irritation.
Eye contact.....	Contact may cause eyes irritation.
Acute effects	
Acute oral toxicity.....	Acute toxicity estimate > 2,000 mg/kg. Virtually nontoxic after a single ingestion. Method: calculation method.
Acute dermal toxicity.....	LD50 (Rabbit) : > 2,000 mg/kg. Virtually nontoxic after a single skin contact. Method: calculation method.
Acute inhalation toxicity.....	Acute toxicity estimate : > 20 mg/l. Virtually nontoxic by inhalation. Method: calculation method.
Skin corrosion/irritation.....	Result: slight irritation.
Serious eye damage/eye irritation.....	Result: Mild eye irritation.
Respiratory or skin sensitisation.....	Non-sensitizing.
Specific target organ toxicity (STOT) single exposure	Based on the available information there is no specific target organ toxicity to be expected after a single exposure.
Aspiration hazard.....	No aspiration hazard expected.
Chronic toxicity/effects	
Specific target organ toxicity (STOT) repeated exposure	Quartz and cristobalite: May cause damage to organs (lungs) through prolonged or repeated exposure (inhalation). Exposures to respirable crystalline silica are not expected during the normal use of this product.
Carcinogenicity.....	In June, 1997, IARC classified crystalline silica (quartz and cristobalite) as a human carcinogen. IARC states that crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group 1). Exposures to respirable crystalline silica are not expected during the normal use of this product.
Reproductive toxicity.....	No known significant effects or critical hazards.
Genetic toxicity.....	None expected.
Teratogenicity.....	Not expected.
Symptoms of Exposure.....	The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11. Further important symptoms and effects are so far not known.
Remarks.....	Long term exposure to high levels of silica dust, which can occur only when sanding or abrading the dry film, may cause lung damage (silicosis) and possibly cancer. The product has not been tested. The statement has been derived from the properties of the individual components.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity.....	May cause long-term adverse effects in the aquatic environment.
Persistence and degradability.....	No data available.
Bioaccumulative potential.....	No data available.
Mobility in soil.....	No data available.
Other adverse effects.....	No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods	
Waste disposal of substance.....	Dispose of in accordance with national, state and local regulations.
Container disposal	Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

SECTION 14: TRANSPORT INFORMATION

TDG classification.....	Not regulated as a dangerous good.
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SECTION 15: REGULATORY INFORMATION

WHMIS regulatory status.....	This product has been classified in accordance with the hazard criteria of the Canadian Hazardous Products Regulations and the Safety Data Sheet contains all the information required by the Hazardous Products Regulations (WHMIS 2015). Not WHMIS 2015 controlled.
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SECTION 16: OTHER INFORMATION

Disclaimer.....	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.
Prepared by:	CanChem Consultant
Preparation date.....	APR 10/2017