



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

PRODUCT: SHUR-STIK 23 ALL SURFACE PRIMER/SEALER

CODE: 8723

SECTION 01: IDENTIFICATION

Supplier identifier..... GH INTERNATIONAL SEALANTS ULC
 2540 Rena Road
 Mississauga, ON. L4T 3C9
 1-905-677-5522

Product identifier..... SHUR-STIK 23 ALL SURFACE PRIMER/SEALER

Product code..... 8723

Product use..... Wall covering primer/sealer.

Emergency telephone number..... CANUTEC 24-hour number (613-996-6666). CHEMTREC 1-800-424-9300.

SECTION 02: HAZARD IDENTIFICATION



Hazard classification..... Reproductive Toxicity — Category 2. Specific Target Organ Toxicity - Repeated Exposure - Category 2 (kidneys).

Signal word..... WARNING.

Hazard statement..... H361 Suspected of damaging fertility or the unborn child. H373 May cause damage to organs (kidney) through prolonged or repeated exposure if swallowed.

Precautionary statements..... P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P260 Do not breathe mist/vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection. P308+P313 IF exposed or concerned: Get medical advice/attention. P405 Store locked up. P501 Dispose of contents/container to an approved waste disposal plant.

Other hazards..... None.

Comments..... This product contains quartz (crystalline silica) as a naturally occurring contaminant. 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. Fillers are encapsulated and not expected to be released from product under normal conditions of use. Airborne exposures to hazardous dusts or mists may be generated by spraying, sanding or grinding.

SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	WT. %
Ethylene glycol	107-21-1	1.5-1.7
Crystalline silica, quartz	14808-60-7	0.1-0.15
Titanium dioxide	13463-67-7	0.1-0.2
Non-hazardous and other ingredients below reportable level	not available	>98

SECTION 04: FIRST-AID MEASURES

Routes of exposure

Inhalation..... Remove to fresh air. If irritation persists, consult a physician.

Ingestion..... Rinse mouth and then drink plenty of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Contact a physician.

Skin contact..... Wash off with soap and water. Get medical attention if irritation develops and persists. Take off contaminated clothing and wash before reuse.

Eye contact..... Promptly flush with large amounts of cold water for at least 15 minutes. If irritation persists, consult a physician.

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 exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved. Show this safety data sheet to the doctor in attendance.

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SECTION 05: FIRE-FIGHTING MEASURES

Extinguishing media..... Not flammable. Use an extinguishing agent suitable for the surrounding fire. Use water spray or fog, foam, carbon dioxide or dry chemical. Do not use water jet as an extinguisher, as this will spread the fire.

Hazardous combustion products..... Harmful vapours. Carbon monoxide, carbon dioxide, hydrocarbons, metal oxides.

Special protective equipment and precautions..... Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Sensitivity to static discharge..... Product is not sensitive to static discharge.

Sensitivity to mechanical impact..... Product is not sensitive to mechanical impact.

Further information..... During fire, gases hazardous to health may be formed. Cool closed containers exposed to fire with water spray.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures..... Use personal protective clothing. Eliminate all sources of ignition. Ventilate area if indoors.

Environmental precautions..... Do not discharge into drains/surface waters/groundwater.

Methods and materials for containment and cleaning up..... Absorb in vermiculite, dry sand or earth and place into container. Contaminated absorbent material may pose the same hazards as the spilled product . Clean surface thoroughly to remove residual contamination. Following product recovery, flush area with water. Dispose of absorbed material in accordance with regulations.

SECTION 07: HANDLING AND STORAGE

Handling precautions..... Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact during pregnancy/while nursing. Wear appropriate personal protective equipment. Do not get in eyes, on skin or on clothing. Avoid inhalation of mists/vapours/fumes. Wash thoroughly after handling. Keep container tightly closed .

Storage needs..... Keep containers tightly closed when not in use. Keep containers from excessive heat and freezing.

Materials to avoid..... Keep away from oxidizing agents.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Ethylene glycol	50 ppm	not available	50 ppm	not available		not available
Crystalline silica, quartz	0.025 mg/m3 (respirable fraction)	not available	not available	not available		0.05 mg/m3 (respirable dust)
Titanium dioxide	10 mg/m3	not available	15 mg/m3	not available		not available
Non-hazardous and other ingredients below reportable level	not available	not available	not available	not available		not available
Engineering controls.....	Good general ventilation (typically 10 air changes per hour) should be used .					
Individual protection measures						
Eye/type.....	None required under normal conditions of use.					
Clothing/type.....	Wear clean long legged, long sleeved work clothes.					
Gloves/ type.....	Wear chemical resistant protective gloves.					
Respiratory/type.....	Generally not required. Wear respiratory protection if ventilation is inadequate.					
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. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove soiled clothing and wash it thoroughly before reuse.					

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance..... liquid.

Color..... blue.

Odour..... sweet.

Odour threshold..... no data available.

pH..... 8-10.

Melting point (°C)..... no data available.

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.

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SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Vapour pressure (mm Hg)..... 17.5.
 Vapour density (air=1)..... no data available.
 Relative density/Specific Gravity..... 1.02-1.07.
 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:..... 85-95.

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 heat. Keep away from sources of ignition. Keep away from incompatibles such as oxidizing agents.
 Incompatible materials..... 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
Ethylene glycol	10.9 mg/L (Inhalation-rat, 4H), mist	1,600 mg/kg (oral-human); 9,530 mg/kg (dermal-rat)
Crystalline silica, quartz	not available	500 mg/kg (oral-rat)
Titanium dioxide	not available	> 10,000 mg/kg (oral-rat)
Non-hazardous and other ingredients below reportable level	not available	not available
Routes of exposure		
Inhalation		
Ingestion.....	Ingestion of this product may cause nausea, vomiting and diarrhea.	
Skin contact.....	May cause irritation.	
Eye contact.....	Contact may cause eyes irritation.	
Acute effects		
Acute oral toxicity.....	Virtually nontoxic after a single ingestion.	
Acute dermal toxicity.....	Virtually nontoxic after a single skin contact.	
Acute inhalation toxicity.....	Virtually nontoxic by inhalation.	
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	The substance may cause damage to the kidney after repeated ingestion (Ethylene glycol). 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. Respirable dust particles containing crystalline silica may be generated by crushing. There are no known hazards associated with this material when used as recommended.	
Carcinogenicity.....	This formula contains hazardous fillers which are not hazardous in a wet or encapsulated state. However, if the formula is reduced to a respirable fraction by grinding or putting into an airborne powder, the powder is considered a hazardous material. Respirable crystalline silica dust is listed with IARC as a Class 1 carcinogen and with NTP as a suspected carcinogen. Prolonged or excessive exposure to silica can cause silicosis. Exposures to respirable crystalline silica are not expected during the normal use of this product. Titanium dioxide is listed as IARC Group 2B (possibly carcinogenic to humans).	
Reproductive toxicity.....	May cause adverse reproductive effects. Possible risk of harm to the unborn child (Ethylene glycol).	
Germ cell mutagenicity.....	No known significant effects or critical hazards.	
Remarks.....	Fillers are encapsulated and not expected to be released from product under normal conditions of use. The product has not been tested. The statement has been derived from the properties of the individual components.	

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SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity..... There is a high probability that the product is not acutely harmful to aquatic organisms.
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..... Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

SECTION 14: TRANSPORT INFORMATION

TDG classification..... Not regulated as a dangerous good.

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). This product is WHMIS 2015 controlled.

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..... MAY 04/2017