



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

PRODUCT: READY ROAD REPAIR PERMANENT POTHOLE REPAIR

CODE: 6430

SECTION 01: IDENTIFICATION

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

Product identifier..... READY ROAD REPAIR PERMANENT POTHOLE REPAIR
 Product code..... 6430
 Product use..... Repairing asphalt, pavement, driveways and parking lots.
 Emergency telephone number..... CANUTEC 24-hour number (613-996-6666). CHEMTREC 1-800-424-9300.

SECTION 02: HAZARD IDENTIFICATION



Hazard classification..... Flammable Liquids — Category 4. Carcinogenicity — Category 2.
 Signal word..... WARNING.
 Hazard statement..... H227 Combustible liquid. H351 Suspected of causing cancer.
 Precautionary statements..... P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P280 Wear protective gloves/protective clothing/eye protection/face protection. P370+P378: In case of fire: Use dry chemical, alcohol foam, carbon dioxide or water spray to extinguish. . P308+P313 IF exposed or concerned: Get medical advice/attention. P403 Store in a well-ventilated place. P405 Store locked up. P501 Dispose of contents/container to an approved waste disposal plant.

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. %
Asphalt	8052-42-4	1-5
Petroleum distillates	68476-34-6	1-5
Crystalline silica, quartz	14808-60-7	0.1-1
Non-hazardous and other ingredients below reportable level	not available	>89

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. Seek medical attention if necessary.

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

SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures..... Use personal protective clothing. Eliminate all sources of ignition. Restrict access to area until completion of clean up. Evacuate personnel to safe areas. Ensure clean up is conducted by trained personnel only.

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

Methods and materials for containment and cleaning up..... Pick up wipe and place into an appropriate container for disposal. Do not place into containers where ignition sources such as cigarettes or other ignition sources may be discarded. 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. 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 in a dry, cool and well-ventilated place. Keep away from sources of ignition - No Smoking. Keep away from incompatible materials.

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
Asphalt	0.5 mg/m3	not available	not available	not available	not available	not available
Petroleum distillates	100 mg/m3	not available	not available	not available	not available	not available
Crystalline silica, quartz	0.025 mg/m3 (respirable fraction)	not available	not available	not available	not available	0.05 mg/m3 (respirable dust)
Non-hazardous and other ingredients below reportable level	not available	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.....	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.....	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..... granular.

Color..... black.

Odour..... mild hydrocarbon.

Odour threshold..... no data available.

pH..... no data available.

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

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

Initial boiling point (°C)..... 149.

Flash point (°C), Method..... >60 CC.

Evaporation rate..... no data available.

Upper flammability limit (% vol)..... no data available.

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SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

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..... no data available.
 Water solubility..... insoluble.
 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.
 VOC g/l..... <150.

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..... Acids and bases. 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
Asphalt	not available	>5,000 mg/kg (oral-rat); >2,000 mg/kg (dermal-rabbit)
Petroleum distillates	4.8 mg/l (inhalation, rat 4H) mist	>5,000 mg/kg (oral-rat); >2,000 mg/kg (dermal-rabbit)
Crystalline silica, quartz	not available	500 mg/kg (oral-rat)
Non-hazardous and other ingredients below reportable level	not available	not available
Routes of exposure		
Inhalation.....	Inhalation of vapours may cause irritation to the nose, throat and respiratory tract.	
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.....	Acute toxicity estimate > 2,000 mg/kg. Method: calculation method. Virtually nontoxic after a single ingestion.	
Acute dermal toxicity.....	LD50 (Rabbit) : > 2,000 mg/kg. Method: calculation method. Virtually nontoxic after a single skin contact.	
Acute inhalation toxicity.....	Acute toxicity estimate : > 20 mg/l. Exposure time: 4 h. Method: calculation method. Virtually nontoxic by inhalation.	
Skin corrosion/irritation.....	Non-irritant.	
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).	
Carcinogenicity.....	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. Contains the following chemicals listed as confirmed animal carcinogens (A3) by ACGIH: Petroleum distillates CAS# 68476-34-6.	
Reproductive toxicity.....	No known significant effects or critical hazards.	
Germ cell mutagenicity.....	No known significant effects or critical hazards.	
Remarks.....	The product has not been tested. The statement has been derived from the properties of the individual components. Respirable dust particles containing crystalline silica may be generated by crushing. There are no known hazards associated with this material when used as recommended.	

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SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity..... May cause long-term adverse effects in the aquatic environment.
 Persistence and degradability..... The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.
 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..... DEC 29/2016