

SDS SHEET



SECTION 1 Identification

Product identifier Waterstop-B, Waterstop-B 20 x 10

Other means of identification

Recommended use: Building material; sealing of concrete joints

Manufacturer: Hydro-Gard, LLC

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Incident Spill, Leak, Fire, Exposure, or Accident CHEMTREC Day or Night
1-800-424-9300 / +1 703-527-3887 CCM825652

SECTION 2 Hazard (s) Identification

GHS Classification The mixture is not classified

Health Hazards Not Classified

Physical Hazards Not Classified

Environmental Hazards Not Classified

OSHA Defined Hazards Not Classified

Label Elements

GHS Pictogram / Symbol None

GHS Signal Word None

GHS Hazard Statements None

GHS-Precautionary Statements(s)

Prevention Follow the usual precautionary hygiene measures

Response If concerned, get medical advice

Storage Keep away from heat and incompatible materials

Disposal Dispose of waste and container in accordance with applicable local, regional, national, and/ or international regulations

Hazards Not Otherwise Classified (HNOC) None known

SECTION 3 Composition / Information on Ingredients

Product Characterization Mixtures

Description Waterstop-B, Waterstop-B 20 x 10

Hazardous components Not classified

Impurities	Bentonite (clay) contains naturally occurring impurity level (0.1-6%) of Quartz (crystalline Silica), which has been classified hazardous in the respirable form according to the criteria of the OSHA Hazard Communicaitons Standard (29 CFR 1910.1200) and Canada CPR, However, the product is not expected to release airborne dust.
Quartz (crystalline Silica)	CAS Number 14808-60-70 Wt.% 0.1-6%
Additional Information	Section 8 & Section 16

SECTION 4 First - Aid Measures

Necessary First Aid Measures	No specific measures required
After skin contact	If needed , wash affected area with water and soap and rinse thoroughly
After eye contact	If needed, flush opened eyes thoroughly with running water
After inhalation	Not applicable. If needed, consult a doctor
After swallowing	Not applicable. If needed, consult a doctor
	The product does not irritate the skin or eyes. If irritation develops or persists, consult a doctor
General information	Move affected person to fresh air. Do not leave affected person unattended. Seek medical attention, if needed.
Most Important Symptoms/ Effects (Acute and Delayed)	Direct contact with eyes may cause irritation
Indication of immediate medical attention and special treatment needed, if necessary	No further relevant information available.

SECTION 5 Fire - Fighting Measures

Suitable Extinguishing Media	CO2, Powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use extinguishing media appropriate for surrounding fires.
Unsuitable extinguishing agents for safety reasons	Water with full jet
Special hazards arising from the substance or mixture	No further relevant information available
protective Equipment and Precautions for Firefighters	Wear NIOSH approved self-contained breathing apparatus. Do not inhale explosion or combustion gases/fumes.
Fire Hazard	Not a fire hazard

SECTION 6 Accidental Release Measures

	Personal precautions, protective equipment and emergency procedures
Person-related safety precautions	Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.
Methods and Materials for Containment & Clean Up	Pick up mechanically. Dispose the material in waste container.
Measures for environmental Protection	Do not allow to enter sewers, surface or ground water
Reference to additional information	See Section 7 for information on safe handling See Section 8 for information on personal protection equipment See Section 13 for disposal information

SECTION 7**Handling and Storage**

Precautions for safe handling	No specific measures required. Keep away from heat sources; provide adequate ventilation. Wear appropriate protective respiratory equipment if concentrations of dust are exceeding the OELs.
Conditions for safe storage, including any incompatibilities	Store in a cool and dry place. Keep away from heat sources, direct sunlight and incompatible materials. No specific measures required.

SECTION 8**Exposure Controls / Personal Protection**

Control parameters	Regulatory Occupational Exposure Limits (OELs) applicable to workplaces
Impurities	Quartz (crystalline Silica)
CAS Number	14808-60-7
Wt. %	0.1-6%
<u>I. Canada Workplace</u>	OELs Guideline
Nuisance Dust	(as nuisance dust or particulates not otherwise specified containing <1% free crystalline silica) Federal government and provinces such as Ontario, BC follow ACGIH® TLV® - TWA: 10mg/m ³ for total dust; 3 mg/m ³ for respirable dust Provinces such as Quebec, Manitoba: TWA 10 mg/m ³ for respirable dust
Quartz(crystalline Silica) CAS # 14808-60-7	Federal government follows ACGIH® TLV® - TWA: 0.025 mg/m ³ A2 for respirable fraction Provinces such as Ontario, QC: TWA 0.1 mg/m ³ for respirable fraction ACGIH® = American Conference of Governmental Industrial Hygienists; TLV® = Threshold Limit Value; TWA = Time-Weight Average; A2 = Suspected human carcinogen.
<u>II. U.S OSHA OELs</u>	Air Contaminants
Nuisance Dust	(as nuisance dust or particulates not otherwise specified containing <1% free crystalline silica) PEL 15 mg/m ³ for total dust; TWA 15 mg/m ³ for total dust, 5mg/m ³ for respirable dust TWA 50 mppcf for total dust, 15 mppcf for respirable dust
Quartz(crystalline Silica) CAS # 14808-60-7	OSHA OELs - TWA 0.3mg/m ³ total dust, 0.1 mg/m ³ or 2.4 mppcf for respirable dust ACGIH® TLV® - TWA: 0.025 mg/m ³ A2 for respirable fraction NIOSH- TWA: 0.05 mg/m ³ for respirable dust OSHA= United States Occupational Safety and Health Administration; PEL= Permissible Exposure Limits If needed, consult local authorities for acceptable occupational exposure limits in your area.
Workplaces:	Components with limit values that require monitoring and controlling at workplaces; Nuisance Dust (including both total dust and respirable dust) and respirable crystalline Silica. However, the product is not expected to release airborne dust
Appropriate engineering controls	Use a local exhaust ventilation, if necessary, to control exposures at a level below the required occupational exposure limits (OEL). If engineering measures are not sufficient to maintain dust concentrations below the OEL, people in the area must wear suitable respiratory protective devices. Eye wash facility is recommended in storage and general work areas.
Individual protection Personal Protective Equip	
Face & Eye Protection:	Wear Safety goggles suitable for dust protection Do not wear contacts
Skin protection	No special equipment required
Hand protection	Wear protective gloves if necessary
Respiratory protection	Use suitable NIOSH/MSHA approved respirator when concentration of dust ≥ OELs

General protective and hygienic measures The usual precautionary hygiene measures should be followed. Keep away from foodstuffs, beverages and feed. Remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

SECTION 9 Physical and Chemical Properties

Appearance

Physical Status	Solid
Form	Various forms
Color	Black or according to product specification
Odor	Not available
Odor threshold	Not available
PH Value	Not available

Change in conditions

Melting point/melting range	(estimated) 150°C
Boiling point/Boiling range	Not available
Flash Point	Not applicable
Flammability	(solid, gaseous) Not available
Danger of explosion	Not present an explosion hazard
Ignition temperature	Not available
Self-igniting	(estimated) >500°C

Decomposition temperature	Not available
Vapor pressure	Not applicable
Density	(estimated) 1.67 g/cm ³
Relative density	Not available
Vapour density	Not available
Solubility in/ Miscibility with Water	0g /ltr

Other Information No further relevant information available

SECTION 10 Stability and Reactivity

Reactivity	Not reactive in normal conditions
Chemical stability	Stable under normal conditions of storage and use
Possibility of hazardous Reactions	No dangerous reactions known
Conditions to avoid	Heat > 200°C, frost, UV or sunlight
Incompatible Substances	Not known
Thermal decomposition	No decomposition if used according to specifications
Hazardous Decomposition Products	No dangerous decomposition products known

Information on likely routes of exposure

Skin Contact	Unlikely cause irritation
Eye Contact	Direct contact may cause mechanical irritation
Inhalation	Prolonged expose may result in harmful effect in respiratory tract
Ingestion	Unlikely due to the form of the product

SYMPTOMS**related to the physical, chemical and toxicological characteristics**

Eye contact	Direct contact may cause mechanical irritaiton
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ACUTE TOXICITY

General product information No information available for this product

Component Toxicity Data **Numerical measures of Toxicity (LD50/LC50)**

Bentonite (1302-78-9) Oral LD50 Rat > 5000 mg/kg

Impurity-Quartz
Crystalline Silica
CAS #14808-60-7

Oral LD50 Rat 500 mg/kg

SENSITIZATION

No sensitizing effects known

CHRONIC EFFECTS

General Product Info. No information available for this product

Impurity -Quartz
(Crystalline Silica,
CAS#14808-+60-7)

Repeated inhalation of large amounts of crystalline silica dust over an extended period of time may result in a progressive, disabling disease, silicosis. Symptoms include shortness of breath, chest pain and reduced lung function.

Carcinogenicity Crystalline silica has been identified by IARC and NTP as a probable carcinogen. However, the product is not expected to release airborne dust.

CARCINOGENICTY

General product information No information available for this product

Component Carcinogenicty Impurity: Quartz (crystalline Silica, CAS#14808-60-7) the respirable crystalline silica

ACGIH A2-Suspected Human Carcinogen

NIOSH Potential occupational carcinogen

NTP Known Human carcinogen (select carcinogen)

IARC Monograph 68 [1997] (listed under crystalline silica inhaled in the form of quartz or cristoblite from occupational sources) Group 1 carcinogenic to humans

California Proposition
65 List silica, crystalline (airborne particles of respirable size); type of toxicity-cancer

NTP National Toxicology Program

IARC International Agency for Research on Cancer

Additional Toxicological Info The Registry of Toxic Effects of Chemical Substances (RTECS) contains tumorigenic and/or carcinogenic and/or neoplastic data for components (impurities) in the product. If needed, see RTECS file for the details.

SECTION 12**Ecological Information (non-mandatory)**

ECOTOXICITY

General product information	No further relevant information available for this product
Aquatic Toxicity	No further relevant information available for this product
Environmental effects	No further relevant information available for this product
Persistence and degradability	No further relevant information available for this product
Bioaccumulation	No further relevant information available for this product
Mobility in soil	No further relevant information available for this product
General notes	Generally, the product is not hazardous for water
Other Adverse Effects	No further relevant information available for this product

SECTION 13**Disposal Consideration (non-mandatory)**

Information on safe handling for disposal and methods of disposal

Disposal must be made in compliance with all applicable laws and regulations

Waste treatment methods

Recommendation	Must not dispose the product together with household garbage. Do not allow product to reach sewage system. Collect waste, residues or unused products in waste containers, dispose at licensed waste disposal site.
Code of wastes	S61-avoid entry into the environment
Contaminated packaging	Disposal must be made in compliance with all applicable laws and regulation. Recommended cleansing agents: Water, if necessary

SECTION 14**Transport Information (non-mandatory)**

Transport Hazard class	Not a hazardous material for transportation
UN Number	Not regulated
UN proper shipping name	Not regulated
U.S. DOT 49 DCFR 172.101	Not regulated
Land transport ADR/Rid	Not regulated
Inland waterway transport AND	Not regulated
Maritime transport IMO/IMDG	Not regulated
Air transport ICAO-TI and IATA-DGR	Not regulated
Canadian Transport of Dangerous Goods	Not regulated
Additional Information	Not dangerous according to the above specifications

SECTION 15**Regulatory Information (non-mandatory)**

<u>OSHA Process Safety Standard</u>	(29 CFR 1910.119) - Not listed
<u>SARA</u>	(Superfund Amendments and Reauthorization Act of 1986) Title II/EPCRA
Immediate Hazard	No
Delayed Hazard	Yes
Fire Hazard	No
Pressure Hazard	No
Reactive Hazard	No
Extremely Hazardous Substances	Section 302 - No
Hazardous chemical	Section 311 - No
<u>CERCLA</u>	(40 CFR 302.4) -Not listed
	CAA Clean Air Act Section 112 Hazardous Pollutants (HAPs) List: Not listed
	CAA Clean Air Act Section 112r Accidental Release prevention (40 CFR 68.130) List: Not listed
	SDWA Safe Drinking Water Act: Not regulated
FDA (Food and Drug Admin)	Food additive (component)
DEA (Drug Enforcement Admin)	Not regulated
<u>INVENTORY STATUS</u>	
US TSCA	Toxic Substances Control Act Inventory : listed
Section 5	None of the chemicals in this product have a SNUR under TSCA
Section 12b	This product is not subject to export notificaiton
Section 13	Importers of all chemical substances should provide import certification statement to U.S. CBP
European EINECS	European Inventory of Existing Commercial chemical Substances: listed
Canadian Chemical Inventory	Liste on either the DSL or the NDSL
China IECSC	Inventory of Existing Chemical Substances in China: listed
<u>U.S. STATE REGULATIONS</u>	
Pennsylvania RTK Hazardous Substances	Crystalline Silica (quartz, CAS#14808-60-7) is listed
US-New Jersey RTK - Substances	Crystalline Silica (quartz, CAS#14808-60-7) is listed
California Proposition 65 List	Crystalline Silica (quartz, CAS#14808-60-7) is listed
California Proposition 65 Warning	WARNING! This product contains crystalline silica, a chemical known to the state of California to cause cancer. In addition, labels on containers and warning signs for those exposures at workplaces are required.
<u>CANADIAN REGULATIONS</u>	
Information about limitation of use:	For use only by technically qualified individuals

SECTION 16**Other Information, Including date of preparation or last revision**

NFPA 704

HAZARD IDENTIFICATION RATINGS (Scale 0-4)

Health Hazard 1

Flammability 0

Reactivity 0

HMIS Ratings (Scale 0-4)

Health Hazard 2

Flammability 0

Reactivity 1

IMPORTANT

Individuals handling this product should be informed of the recommended safety precautions and should have access to this information

The information and recommendations provided in this Safety Data Sheet are presented in good faith and believed to be correct as of the date hereof. The manufacturer makes no representations as to the completeness or accuracy thereof. Information supplied upon the condition that the persons receiving said information will make their own determination as to its suitability for their particular purpose prior to use. In no event will the manufacturer be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information. No representation or warranties, either expressed or implied. Including the merchantability or fitness for a particular purpose are made herein with information contained herein is deemed to be reliable, conservative and accurate. Hydro-Gard, LLC reserves the right to change the design, specification or any other features at any time, without notice, while otherwise maintaining regulatory compliance.

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