

# MATERIAL SAFETY DATA SHEET

**PRODUCT:** AQUA-STOP, Penetrating Cementitious Waterproofing

## SECTION 01: CHEMICAL PRODUCT AND COMPANY INFORMATION

Manufacturer ..... AQUASEAL USA, Inc.  
P.O. Box 2444, Niagara Falls, NY 14302  
Tel: 905-468-8924  
Product Name ..... AQUA-STOP  
Product Uses ..... Cementitious waterproofing coating  
Chemical Family ..... Crystalline waterproofing slurry

## Section 02: COMPOSITION / INFORMATION OF INGREDIENTS

<u>INGREDIENTS:</u>	<u>CAS</u>	<u>OSHA PEL</u>	<u>ACGIH/TLV</u>
Portland Cement .....	65997-15-1	15mg/m <sup>3</sup>	5mg/m <sup>3</sup>
Crystalline Quartz Silica .....	14808-60-7	10mg/m <sup>3</sup>	.1mg/m <sup>3</sup>

## SECTION 03: HAZARDS IDENTIFICATION

Primary Route(s) of Entry ..... Eyes contact; skin contact; inhalation  
Skin Contact ..... Hypersensitive individuals may develop a skin rash  
Skin Absorption ..... Unlikely to be absorbed through the skin  
Inhalation ..... High dust concentration can be irritating to respiratory system resulting in coughing  
Ingestion ..... Unlikely route of entry, but if swallowed, this substance is considered non-toxic.  
Eye Contact ..... Contains materials that are irritating to the eyes  
Effects of Chronic Exposure ..... Prolonged exposure to inhaled silica may cause delayed lung injury (silicosis)

## SECTION 04: FIRST AID MEASURES

Eye Contact ..... Flush eyes, including under eyelids, with running water for a minimum of 15 minutes, then seek medical attention  
Skin Contact ..... Wash immediately with plenty of water. Get medical attention if skin irritation persists  
Inhalation ..... Move to fresh air and consult a physician should the air passages be affected  
Ingestion ..... Rinse mouth vigorously and drink plenty of water. Do not induce vomiting. Consult a physician

## SECTION 05: FIRE FIGHTING MEASURES

Flash Point (C), Method ..... None  
Flammable Limits (% Vol.) ..... None  
Extinguishing Media ..... None required - product is not flammable  
Fire Fighting Methods ..... None - product is not flammable

## SECTION 06: ACCIDENTAL RELEASE MEASURES

Leak/Spill ..... Use dry cleanup methods that do not disperse the dust into the air. When water is added the material hydrates into a solid harmless waste. Emergency procedures are not required. Dispose in accordance with local, state and federal regulations.

## SECTION 07: HANDLING & STORAGE

Handling Procedures ..... Avoid breathing dust and contact with eyes. Wash hands before breaks and after work and before eating, drinking or smoking  
Storage Needs ..... Store in a dry enclosed area off the ground. Avoid contact with humidity.

**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

Protective Equipment	
Eyes . . . . .	Safety glasses or goggles
Respiratory . . . . .	In dusty environments use of NIOSH/MSHA approved respirator recommended
Gloves . . . . .	Neoprene or rubber gloves recommended
Clothing . . . . .	Standard work clothing
Footwear . . . . .	Safety type footwear items
Ventilation Requirements . . . . .	As required to control airborne dust levels
Special Provisions . . . . .	Eye wash stations should be available in use and handling areas.

**SECTION 09: PHYSICAL & CHEMICAL PROPERTIES**

Physical State . . . . .	Cement gray powder
Odor . . . . .	Odorless
Solubility in Water . . . . .	< 1.5 g/L
pH Value . . . . .	11 - 13.5
Specific Gravity . . . . .	Approx. 1.09 kg/L

**SECTION 10: STABILITY & REACTIVITY**

Hazardous Reactions . . . . .	Avoid contact with humidity
Incompatibility . . . . .	None known
Hazardous Products of Decomposition . . . . .	None known

**SECTION 11: TOXICOLOGICAL INFORMATION**

Exposure Limit of Material . . . . .	See Hazardous Ingredients section (#2)
Material Irritants . . . . .	Refer to Route of Entry
Carcinogenicity of Material . . . . .	Crystalline Quartz Silica is listed by NTP, IARC and OSHA as a carcinogen

**SECTION 12: ECOLOGICAL INFORMATION**

Environmental . . . . .	The unused product is a slight water pollutant. Large quantities may be toxic to fish. Do not empty into waters or drains. This product is considered non-hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200). This product is not a controlled product under the Canadian Workplace Hazardous Materials Information System (WHMIS).
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**SECTION 13: DISPOSAL CONSIDERATIONS**

Waste Disposal . . . . .	Dispose at an approved landfill in accordance with regulations
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**SECTION 14: TRANSPORT INFORMATION**

DOT (Domestic Surface) Classification . . . . .	Not a controlled product
IMO (Ocean) Classification . . . . .	Not a controlled product
ICAO (Air) Classification . . . . .	Not a controlled product

**SECTION 15: REGULATORY INFORMATION**

OSHA / WHMIS Classification . . . . .	Not a controlled or hazardous product.
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**SECTION 16: OTHER INFORMATION**

The data included herein is made available solely for the consideration, investigation and verification of the original recipients hereof and does not constitute a representation of warranty for which the Distributor assumes legal responsibility. It is the responsibility of the recipient of this data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all Federal and local laws and regulations applicable to safety, occupational health, right-to-know and environmental protection.