



SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY INFORMATION

Product Name(s): AguaSeal Base
 Product Code(s): Not available.
 Uses: A foundation coating, mixed with cement powder to produce a hard, durable but flexible watertight base, applied with strengthening fabric over new or existing flat and low slope roofs.
 Company: Agua-Seal Waterproofing Systems International LLC
 Address: 2506 Birkenhead Drive; Charleston, SC 29414; USA
 Telephone Number: (843) 810-4428 Fax Number: Not available.
 Emergency Telephone Number: Not available.
 Date Issued: April 19, 2016 Date Revised: April 19, 2016

This SDS complies with the OSHA Hazard Communication Standard 29CFR1910.1200 as revised in May 2012 (GHS). It may not meet requirements in other countries.

SECTION 2 HAZARDS IDENTIFICATION

GHS Classification:	Not classified as hazardous	No Pictogram
GHS Hazard Statements:	None.	
GHS Precautionary Statements:	<u>Prevention:</u>	<u>Response:</u>
	None.	None.
	<u>Storage:</u>	<u>Disposal:</u>
	None.	None.
Hazards Not Otherwise Classified:	None.	
GHS Assessment:	Approximately < 1% of this mixture consists of ingredient(s) of unknown acute toxicity. Approximately 2 - 10% of the mixture consists of ingredient(s) of unknown hazards to the aquatic environment.	

SECTION 3 COMPOSITION / INGREDIENTS

Component	CAS Number	EC Number	Concentration
Water	7732-18-5	231-791-2	30.0 - 45.0%
Acrylic polymer(s)	Proprietary	---	15.0 - 30.0%

SECTION 3 COMPOSITION / INGREDIENTS

Calcium carbonate	1317-65-3	215-279-6	15.0 - 30.0%
Inert filler	Proprietary	---	10.0 - 20.0%

Trade Secret Claims: Specific chemical identity and/or exact percentage (concentration) of components has been withheld as a trade secret.

SECTION 4 FIRST AID MEASURES

- First Aid - Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention, if irritation develops.
- First Aid - Skin: In case of contact, flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately if irritation develops and/or persists. Wash contaminated clothing before reuse.
- First Aid - Ingestion: If swallowed and feel unwell, call a physician or poison control center. DO NOT induce vomiting unless directed to do so by a physician or poison control center. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person.
- First Aid - Inhalation: If respiratory symptoms or other symptoms of exposure develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek immediate medical attention. If victim is not breathing, clear airway and immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.
- Important Symptoms / Effects – Acute and Delayed: Tissue inflammation.
- Advice to Physician: Treat symptomatically.

SECTION 5 FIRE FIGHTING MEASURES

- Extinguishing Media: Treat surrounding material. Water spray, dry chemical, carbon dioxide, or foam is recommended. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces.
- Specific Hazards: This product is not flammable. This product may give rise to hazardous vapors in a fire. Vapors/fumes may be irritating, corrosive and/or toxic.
- Protective equipment and procedures for fire-fighters: Wear full protective clothing and self-contained breathing apparatus.
- Additional Advice: None.

SECTION 6 ACCIDENTAL RELEASE MEASURES

- Spill Procedures: Wipe up spills with an absorbent towel/material and transfer into suitable containers for recovery or disposal. Finally flush area with water.
- Personal Precautions: Wear suitable protective clothing and equipment.
- Environmental Precautions: Prevent the material from entering drains or water courses. Do not discharge directly to a water source. Advise Authorities if spillage has entered watercourse or sewer or has contaminated soil or vegetation.

SECTION 7 HANDLING AND STORAGE

- Handling: Wear appropriate personal protection (See Section 8) when handling this material. The work area should be equipped with a safety shower and eye wash station. If

SECTION 7 HANDLING AND STORAGE

exposed to the liquid, avoid contact with skin and eyes. Wash thoroughly after handling.

Storage: Keep container(s) tightly closed. Use and store this material at temperatures below 30°C (86°F) away from heat, direct sunlight, and hot metal surfaces. Do not freeze. Keep away from any incompatible materials (see Section 10).

Additional Advice: Store in original container. Store as directed by the manufacturer.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational Exposure Standards: Exposure limits are listed below, if they exist.

Water: None.

Acrylic polymer(s): None.

Calcium carbonate: ACGIH TLV: 10 mg/m³ TWA.
 OSHA PEL: 5 mg/m³ TWA (respirable).
 OSHA PEL: 15 mg/m³ TWA (total dust).

Inert filler: None.

Engineering Control Measures: Engineering methods to prevent or control exposure are preferred. Methods include process or personnel enclosure, mechanical ventilation (local exhaust), and control of process conditions.

Respiratory Protection: A NIOSH certified self-contained breathing apparatus or air purifying respirator may be used under conditions where airborne concentrations are expected to exceed exposure limits.

Hand Protection: The use of gloves impervious to the specific material handled is advised to prevent skin contact, possible irritation and skin damage (see glove manufacturer literature for information on permeability).

Eye Protection: Approved eye protection (safety glasses with side-shields or goggles) to safeguard against potential eye contact, irritation, or injury is recommended. Depending on conditions of use, a face shield may be necessary.

Body Protection: Impervious clothing should be worn as needed to prevent skin contact.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Viscous liquid

Color: White to off-white

Odor: Faint

Odor Threshold: Not available.

pH: ca. 7 - 9

Melting Point/Range (°C/°F): 0°C / 32°F (water)

Boiling Point/Range (°C/°F): 100°C / 212°F (water)

Flash Point (PMCC) (°C/°F): Non-flammable

Evaporation Rate: Not available.

Flammability / Explosivity Limits in Air (%): Not available.

Vapor Pressure: 23.8 mmHg (25°C) (water)

Vapor Density (Air = 1): Not available.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Relative Density:	ca. 1.50 - 1.75
Solubility in Water:	Miscible
Partition Coefficient:	Not available.
Autoignition Temperature (°C/°F):	Not available.
Decomposition Temperature (°C/°F):	Not available.
Viscosity:	Not available.
Explosive Properties:	None.
Oxidizing Properties:	None.
Volatile Organic Content (VOC) (g/l):	ca. 1 - 5 g/l (as defined by 40CFR51.100)

SECTION 10 STABILITY AND REACTIVITY

Reactivity:	Product will not undergo additional reaction.
Stability:	Stable under normal storage conditions.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Contact with incompatible materials, excessive heat (> 100°C).
Incompatibilities:	Strong oxidizers, strong acids.
Hazardous Decomposition Products:	Oxides of carbon, metal oxides, acrylic monomers, aliphatic compounds, toxic by-products.

SECTION 11 TOXICOLOGICAL INFORMATION

If available, toxicity data for the product is given; otherwise component data is listed.

Acute Toxicity:	This product is not expected to be appreciably toxic. (Water) No data. (Acrylic polymer(s)) Oral LD50 (rat) > 5000 mg/kg; Dermal LD50 (rabbit) > 5000 mg/kg (similar compounds) (Calcium carbonate) Oral LD50 (rat) 6450 mg/kg (Inert filler) No data.
Skin Corrosion / Irritation:	The product may be slightly irritating to the skin. (Water) No data. (Acrylic polymer(s)) May cause transient irritation (rabbit - similar compound). (Calcium carbonate) Mechanically irritating to skin (animal). (Inert filler) No data.
Serious Eye Damage / Irritation:	The product may be slightly irritating to the eyes. (Water) No data. (Acrylic polymer(s)) Non-irritating to eyes (rabbit - similar compound). (Calcium carbonate) Mechanically irritating to eyes (animal). (Inert filler) No data.
Respiratory or Skin Sensitization:	The product is not expected to be dermally sensitizing. (Water) No data. (Acrylic polymer(s)) No data. (Calcium carbonate) No data. (Inert filler) No data.

SECTION 11 TOXICOLOGICAL INFORMATION

Mutagenicity: This product is not expected to be mutagenic.
 (Water) No data.
 (Acrylic polymer(s)) No data.
 (Calcium carbonate) Not genotoxic in Ames testing.
 (Inert filler) No data.

Carcinogenicity: This product is not expected to be carcinogenic.
 (Water) No data.
 (Acrylic polymer(s)) No data.
 (Calcium carbonate) Not carcinogenic (orally administered rats).
 (Inert filler) No data.

Reproductive / Developmental Toxicity: This product is not expected to be developmentally harmful.
 (Water) No data.
 (Acrylic polymer(s)) No data.
 (Calcium carbonate) Excessive oral consumption during pregnancy showed increased potential for cardiovascular, cerebral, neurologic, gastrointestinal and renal systems effects on offspring (human).
 (Inert filler) No data.

Chronic/Subchronic Toxicity: Specific Target Organ/Systemic Toxicity – Single Exposure: (Water) No data.
 (Acrylic polymer(s)) No data.
 (Calcium carbonate) No data.
 (Inert filler) No data.

Chronic/Subchronic Toxicity: Specific Target Organ/Systemic Toxicity – Repeated Exposure: (Water) No data.
 (Acrylic polymer(s)) No data.
 (Calcium carbonate) Renal and other systemic effects have been noted (human).
 (Inert filler) No data.

Aspiration Hazard: This product does not pose an appreciable aspiration hazard.

Additional Information: None.

SECTION 12 ECOLOGICAL INFORMATION

If available, ecological data for the product is given; otherwise component data is listed.

Acute Ecotoxicity: This product is not expected to be appreciably toxic to aquatic species.
 (Water) No data.
 (Acrylic polymer(s)) No data.
 (Calcium carbonate) LC50 (mosquitofish) > 56,000 mg/l/24-96 hr.
 (Inert filler) No data.

Mobility: (Water) No data.
 (Acrylic polymer(s)) No data.
 (Calcium carbonate) No data.
 (Inert filler) No data.

Persistence/Degradability: (Water) No data.
 (Acrylic polymer(s)) No data.
 (Calcium carbonate) No data.
 (Inert filler) No data.

Bioaccumulation: (Water) No data.
 (Acrylic polymer(s)) No data.
 (Calcium carbonate) No data.
 (Inert filler) No data.

Other adverse effects: None.

SECTION 13 DISPOSAL CONSIDERATION

Environmental precautions: Prevent the material from entering drains or water courses. Do not discharge directly to a water source. Advise Authorities if spillage has entered watercourse or sewer or has contaminated soil or vegetation.

Product Disposal: Dispose in accordance with all local, state (provincial), and federal regulations. Under RCRA, it is the responsibility of the product's user to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This is because the product uses, transformations, mixtures, processes, etc. may render the resulting materials hazardous.

Container Disposal: Do not remove label until container is thoroughly cleaned. Empty containers may contain hazardous residues. This material and its container must be disposed of in a safe way.

SECTION 14 TRANSPORT INFORMATION

DOT (US):

Proper Shipping Name: Not regulated

UN Number: None.

Class: None.

Packaging Group: None.

Reportable Quantity: None.

Marine Pollutant: None.

IATA:

Proper Shipping Name: Not regulated

UN Number: None.

Class: None.

Packing Group: None.

IMDG:

Proper Shipping Name: Not regulated

UN Number: None.

Class: None.

Packing Group: None.

Marine Pollutant: None.

Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations.

SECTION 15 REGULATORY INFORMATION

US Toxic Substance Control Act: All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Canadian Domestic Substance List: One or more component(s) of this product are not listed on the Canadian Domestic Substance List. Limited quantities may be permitted.

EU REACH: One or more component(s) of this product have not been pre-listed or registered under REACH. Limited quantities may be permitted.

TSCA Sec.12(b) Export: This product does not contain a chemical at or above de minimis

SECTION 15 REGULATORY INFORMATION

Notification:	concentrations which requires reporting.		
Canadian WHMIS Classification:	None.		
Massachusetts Right-To-Know:	This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all of the information required by the CPR.		
New Jersey Right-To-Know:	This product contains materials subject to disclosure under the New Jersey's Right-To-Know Law: - Calcium carbonate		
Pennsylvania Right-To-Know:	This product contains materials subject to disclosure under the Pennsylvania's Right-To-Know Law: - Calcium carbonate		
California Proposition 65:	This product contains materials which the State of California has found to cause cancer, birth defects or other reproductive harm: - Acrylamide (trace) - Crystalline silica (< 0.2%) (as respirable particles)		
SARA TITLE III-Section 311/312 Categorization (40 CFR 370):	None.		
SARA TITLE III-Section 313 (40 CFR 372):	This product does not contain materials which are listed in Section 313 at or above de minimis concentrations.		
CERCLA Hazardous Substance (40 CFR 302)	This product does not contain materials subject to reporting under CERCLA and Section 304 of EPCRA.		
Water Hazard Class (WGK):	This product is slightly water-endangering (WGK=1).		
Other Chemical Inventories:	Australia (AICS):	One or more component(s) are not listed.	
	China (IECSC):	One or more component(s) are not listed.	
	Japan (ENCS):	One or more component(s) are not listed.	
	Korea (KCI):	One or more component(s) are not listed.	
	Philippines (PICCS):	One or more component(s) are not listed.	

SECTION 16 OTHER INFORMATION

NFPA Rating - HEALTH:	1		
NFPA Rating - FIRE:	1		
NFPA Rating - REACTIVITY:	0		
NFPA Rating - SPECIAL:	NONE		
SDS Date Issued:	April 19, 2016		
SDS Current Version:	1.0	Version Date:	April 15, 2016
SDS Revision History:	v1.0 Initial version.		
Abbreviations:	GHS:	Globally Harmonized System of Classification and Labeling of Chemicals	
	CAS#:	Chemical Abstract Services Number	
	ACGIH:	American Conference of Governmental Industrial Hygienists	
	OSHA:	Occupational Safety and Health Administration	

SECTION 16 OTHER INFORMATION

NFPA: National Fire Protection Association
 DOT: US Department of Transportation
 RCRA: US Resource Conservation and Recovery Act
 TLV: Threshold Limit Value
 TWA: Time-Weighted Average
 PEL: Permissible Exposure Limit
 STEL: Short Term Exposure Limit
 WEEL: Workplace Environmental Exposure Levels
 AIHA: American Industrial Hygiene Association
 NTP: National Toxicology Program
 IARC: International Agency for Research on Cancer
 R: Risk
 S: Safety
 LD50: Lethal Dose 50%
 LC50: Lethal Concentration 50%
 EC50: Effective Concentration 50%
 BCF: Bioconcentration Factor
 BOD: Biological Oxygen Demand
 Koc: Soil Organic Carbon Partition Coefficient.
 Tlm: Median Tolerance Limit

Key References: United States National Library of Medicine's TOXNET
 Patty's Toxicology, 5th Edition
 European Commission's Institute for Health and Consumer Protection
 American Conference of Governmental Industrial Hygienists
 International Agency for Research on Cancer
 United States National Toxicology Program
 United States Occupational Safety and Health Administration
 United States Department of Transportation
 Supplier Material Safety Data Sheets

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