



SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY INFORMATION

Product Name(s): RoofBond Primer

Product Code(s): Not available.

Uses: Surface preparation pre-treatment primarily for EPDM rubber membrane roof substrates, used prior to power washing and application of the MonoSeal System.

Company: AguaSeal Waterproofing Systems USA LLC

Address: 3609 River Road; Johns Island, SC 29455, USA

Telephone Number: (843) 614-9663 Fax Number: Not available.

Emergency Telephone Number: Not available.

Date Issued: June 22, 2016 Date Revised: June 22, 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:	No Signal Word Aquatic Acute Toxicity (Category 3)	No Pictogram
GHS Hazard Statements:	Harmful to aquatic life	
GHS Precautionary Statements:	<u>Prevention:</u> Avoid release to the environment. <u>Storage:</u> None.	<u>Response:</u> Collect spillage. <u>Disposal:</u> Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazards Not Otherwise Classified:	None.	
GHS Assessment:	Approximately 0% of this mixture consists of ingredient(s) of unknown acute toxicity. Approximately 0% 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	91.0 - 98.0%

SECTION 3 COMPOSITION / INGREDIENTS

Inorganic salts	Proprietary	---	1.0 - 5.0%
Anionic/nonionic surfactants	Proprietary	---	1.0 - 4.0%

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 soap and 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.

SECTION 7 HANDLING AND STORAGE

The work area should be equipped with a safety shower and eye wash station. If 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.

Inorganic salts: None.

Anionic/nonionic surfactants: 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:	Liquid
Color:	Colorless to light purple
Odor:	Mild
Odor Threshold:	Not available.
pH:	6.0 - 8.0
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:	< 1.0 (water)
Flammability / Explosivity Limits in Air (%):	Not available.
Vapor Pressure:	23.8 mmHg (25°C) (water)
Vapor Density (Air = 1):	Not available.
Relative Density:	Not available.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Solubility in Water:	Completely 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):	< 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.
Hazardous Decomposition Products:	Oxides of carbon, 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. Oral LD50 (rat) > 2000 mg/kg; Dermal LD50 (rat) > 2000 mg/kg.
Skin Corrosion / Irritation:	The product may be slightly irritating to the skin. Slightly irritating to skin (rabbit)
Serious Eye Damage / Irritation:	The product may be slightly irritating to the eyes. Slightly irritating to eye (rabbit).
Respiratory or Skin Sensitization:	The product is not expected to be dermally sensitizing; however, certain very sensitive individuals may experience a reaction. (Water) No data. (Inorganic salts) No data. (Anionic/nonionic surfactants) No data.
Mutagenicity:	This product is not expected to be mutagenic. (Water) No data. (Inorganic salts) No data. (Anionic/nonionic surfactants) No data.
Carcinogenicity:	This product is not expected to be carcinogenic. (Water) No data. (Inorganic salts) No data. (Anionic/nonionic surfactants) No data.
Reproductive / Developmental Toxicity:	This product is not expected to be developmentally harmful. (Water) No data. (Inorganic salts) No data. (Anionic/nonionic surfactants) No data.
Chronic/Subchronic Toxicity: Specific Target	(Water) No data. (Inorganic salts) No data.

SECTION 11 TOXICOLOGICAL INFORMATION

Organ/Systemic Toxicity – (Anionic/nonionic surfactants) No data.
 Single Exposure:
 Chronic/Subchronic (Water) No data.
 Toxicity: Specific Target (Inorganic salts) No data.
 Organ/Systemic Toxicity – (Anionic/nonionic surfactants) No data.
 Repeated Exposure:
 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 may be harmful to aquatic species.
 LC50 (Rainbow trout) 262 mg/l/96 hr; LC50 (Daphnia magna) 220 mg/l/48 hr;
 EC50 (green algae) 94 mg/l/96 hr.

Mobility: (Water) No data.
 (Inorganic salts) No data.
 (Anionic/nonionic surfactants) No data.

Persistence/Degradability: (Water) No data.
 (Inorganic salts) No data.
 (Anionic/nonionic surfactants) No data.

Bioaccumulation: (Water) No data.
 (Inorganic salts) No data.
 (Anionic/nonionic surfactants) 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.

SECTION 14 TRANSPORT INFORMATION

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 Notification:	This product does not contain a chemical at or above de minimis concentrations which requires reporting.
Canadian WHMIS Classification:	None. 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.
Massachusetts Right-To-Know:	This product does not contain materials subject to disclosure under the Massachusetts Right-To-Know Law.
New Jersey Right-To-Know:	This product does not contain materials subject to disclosure under the New Jersey Right-To-Know Law.
Pennsylvania Right-To-Know:	This product does not contain materials subject to disclosure under the Pennsylvania Right-To-Know Law.
California Proposition 65:	This product contains materials which the State of California has found to cause cancer, birth defects or other reproductive harm: - Dioxane, 1,4- (trace) - Acetaldehyde (trace)
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.

SECTION 15 REGULATORY INFORMATION

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: 0

NFPA Rating - REACTIVITY: 0

NFPA Rating - SPECIAL: NONE

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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

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

SECTION 16 OTHER INFORMATION

Disclaimer: *The data contained herein is based on information that the company believes to be reliable, but no expressed or implied warranty is made with regard to the accuracy of such data or its suitability for a given situation. Such data relates only to the specific product described and not to such products in combination with any other product and no agent of the company is authorized to vary any of such data. The company and its agents disclaim all liability for any action taken or foregone on reliance upon such data.*

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