

MATERIAL SAFETY DATA SHEET

PRODUCT: GUARDIAN, Water Based, Asphalt Emulsion Dampproofing

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 GUARDIAN
Product Uses Dampproof coating
Chemical Family Asphalt Emulsion Coating

SECTION 02: INFORMATION OF HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS:	%	CAS	TLV
Petroleum Asphalt	35-65%	8052-42-4	5mg/m ³ , 8hr.
Straight Run Middle Distillate	1-5%	64741-44-2	5mg/m ³ , 8hr.

SECTION 03: HAZARDS IDENTIFICATION

Primary Route(s) of Entry Eyes contact; skin contact; inhalation
Skin Contact Contains materials that can cause irritation to the skin and dermatitis
Skin Absorption Unlikely to be absorbed through the skin
Inhalation, chronic None
Inhalation Unlikely; in cases where material may become airborne, irritation may occur
Ingestion Unlikely route of entry, but if swallowed, this substance is considered non-toxic.
Eye Contact Contains materials that can be severely irritating to the eyes
Effects of Acute Exposure Refer to Route of Entry
Effects of Chronic Exposure Persons with a history of chronic skin or respiratory conditions may be at increased risk for worsening their conditions by prolonged exposure to this product.

SECTION 04: FIRST AID MEASURES

Eye Contact Flush eyes with running water for a minimum of 15 minutes; get medical attention
Skin Contact Wash material off with soap and water. Get medical aid if skin becomes irritated.
Move to fresh air. If effects persist, consult a physician.
Inhalation Do not induce vomiting and prevent aspiration. Seek medical attention.
Ingestion

SECTION 05: FIRE FIGHTING MEASURES

Flash Point (F) Not determined
Auto Ignition Temperature (F) Not determined
Extinguishing Media Foam, carbon dioxide or dry chemical. Use water to cool fire exposed containers.
Do not direct water on substance but treat as a fuel oil fire.
Fire Fighting Methods Fire fighters must wear self-contained breathing apparatus and full protective clothing when fighting fires involving this material.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Leak/Spill Absorb small spills and collect liquid, if feasible, or absorb with vermiculite or sand. Do not flush into sewer or stream. Notify safety personnel of large spills or leaks. Clean up personnel need protection against liquid contact and vapor inhalation. Dispose of liquid waste in accordance with all regulations.

SECTION 07: HANDLING & STORAGE

Handling Procedures Keep container closed. This material is stable in closed containers at room temperature under normal storage and handling conditions.
Storage Needs Store in closed containers in a cool, dry, well ventilated area. DO NOT FREEZE.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

Protective Equipment	
Eyes	Safety glasses or goggles
Respiratory	Protection may be required
Gloves & Clothing	Protective gloves and impervious clothing
Footwear	Safety type footwear items
Ventilation Requirements	In outdoor operations, where the product becomes airborne, ensure adequate ventilation. In contained areas persons exposed to mists should wear approved breathing devices or ventilation should be improved.
Special Provisions	Eye wash stations should be available in use and handling areas.
Work Hygiene Practices	Avoid any unnecessary exposure and remove material from the skin, eyes and clothing as soon as possible. Wash hands and exposed skin frequently and always wear suggested protective equipment.

SECTION 09: PHYSICAL & CHEMICAL PROPERTIES

Physical State	Black/brown liquid
Odor	Mild odor
Specific Gravity	1.0 - 1.2
Solubility in water	Soluble
Distribution Freezing Point	32°F
PH	8.5 - 9.5

SECTION 10: STABILITY & REACTIVITY

Stability	Product is stable
Incompatibility	Avoid contact with strong oxidizing agents. Hazardous polymerization will not occur.
Hazardous Products of Decomposition ...	Can include carbon monoxide, carbon dioxide, sulfur oxides, hydrogen sulfide and various hydrocarbon fractions.

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure Limit of Material	See Hazardous Ingredients section (#2)
Material Irritants	Refer to Route of Entry
Carcinogenicity of Material	Petroleum based products contain small amounts of polycyclic hydrocarbons that have been shown to cause cancer in laboratory animals. Therefore, good industrial hygiene practices as outlined in this MSDS should be followed.

SECTION 12: ECOLOGICAL INFORMATION

Environmental	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.
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SECTION 14: TRANSPORT INFORMATION

T.D.G. Classification	Not a controlled product.
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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.