

Date prepared: MAY 2015
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Section 1 – Product Identification

SDS No. RM.1.1

IDENTITY: *Product Name:*

ELASTOSEAL

for products:

Trowel, Roller and Brush grade

Chemical Characterization:

Asphalt Emulsion

Product Use Description:

Cold Fluid-Applied Rubber Membrane System

AQUAFIN, INC.
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ELKTON, MD 21921

24 hr Emergency Phone: Chem-Tel (800) 255-3924
Information Phone No. (410) 392-2300
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Recommended use of the chemical and restriction on use:

Refer to the product technical data sheet.
For industrial and professional users.

Section 2 – Hazards Identification

GHS Classification:

Acute toxicity, oral, Category 4
Skin corrosion/irritation, Category 2
Serious eye irritation, Category 2B
Acute toxicity, inhalation, Category 4

H302: Harmful if swallowed.
H315: Causes skin irritation.
H320: Causes eye irritation.
H332: Harmful if inhaled.

GHS Label element:

Hazard Pictograms



GHS07

Signal Word: Warning

Hazard Statements:

H302: Harmful if swallowed.
H315: Causes skin irritation.
H320: Causes eye irritation.
H332: Harmful if inhaled.

Precautionary Statements:

Prevention:

P264: Wash skin thoroughly after handling.
P280: Wear protective gloves/protective clothing/ eye protection/face protection.

Response:

P302 + P352: IF ON SKIN: Wash with plenty of soap and water.
P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P308 + P313 IF exposed or concerned, get medical advice/attention.
P332 + P313: IF skin irritation occurs, get medical advice/attention.
P362: Take off contaminated clothing and wash before reuse.

Storage:

P403 + P232: Store in a well-ventilated place. Protect from moisture.

Disposal:

P501: Dispose of contents/container to an approved waste disposal site.
P502: Refer to manufacturer/supplier for information on recovery/recycling.

Section 3 – Composition / Information on Ingredients

Hazardous Components	CAS No.	OSHA PEL	ACGIH TLV	Percent
Asphalt	8052-42-4	N/A	N/A	55 - 65
Neoprene	25053-30-9	N/A	N/A	25 - 35

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence not require reporting in this section.

Section 4 – First Aid Measures

Inhalation: Supply fresh air and consult a physician in case of symptoms.

Ingestion: Material is expected to be inert in the digestive tract, but chronic ingestion must be avoided due to unknown effects. Consult a physician.
Do not induce vomiting without medical advice. If a person vomits, place him/her in the recovery position. Never give anything by mouth to an unconscious person.

Skin Contact: Wash off with soap and water. If the material dries on the skin, abrasive soap may be indicated, or vegetable (cooking) oil, or aerosol lecithin (PAM) may be used to lift the material off the skin (rub it gently on the material) then wash with mild soap and water. If redness, etc. persists, consult a physician.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Emulsion is alkaline. Consult a physician.

Section 5 – Fire Fighting Measures

Auto ignition Temperature: Not combustible while in liquid/uncured form.

Hazardous combustion Products: Will produce water vapor and carbon deoxidized with efficient air. In circumstances involving reduced air availability, may produce Carbon monoxide (CO) and heavy black smoke.

Hazardous Decomposition Products: Carbon Monoxide, Carbon Dioxide, Hydrogen Chloride.

Extinguishing Media: Water.

Special Fire Fighting Procedures: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face-piece operated in the pressure demand or other positive pressure mode.

Unusual Fire and Explosion Hazards: Containers can build up pressure if exposed to heat (fire). Cool closed containers exposed to fire with water spray.

Section 6 – Accidental Release Measures

Measures for Cleaning/Collecting: Wear appropriate protective equipment (see section 8). Contain and collect spillage with absorbent materials, i.e. sand, earth, vermiculite, diatomaceous earth, acid and universal binders, sawdust, and place in container for disposal. Prevent material from reaching sewage and drainage systems or bodies of water.

Section 7 – Handling and Storage

Handling: Avoid prolonged contact with skin, eyes and clothing. Keep out of reach of children. Keep away from heat and direct sunlight. Do not store open containers.

Storage: DO NOT HEAT. Store in original container, away from foodstuffs. Store containers tightly closed in a cool (frost free), well ventilated place.

Incompatibility: May react with strong oxidizing agents and acids.

Section 8 – Exposure Controls / Personal Protection

General Information: Eye-wash bottle must be available.
The product does not contain any relevant quantities of materials that have to be monitored at the workplace.

Engineering Controls: Provide good (mechanical) room ventilation to control any air contaminants.

Respiratory Protection: Not generally required if room is well ventilated. In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use NIOSH approved respirators.

Skin Protection: When installing, wear appropriate protective gloves (butyl, rubber) to prevent hand-skin exposure. Wear appropriate impervious clothing to prevent skin exposure (long sleeve shirt and long pants).

Eye Protection: Wear tightly sealed safety glasses with side shields or goggles. Face shield as necessary.

Work/Hygienic Practices: Handle using good industrial hygiene and safety practices. Keep work area clean. Wash hands before breaks and after work, and before eating, drinking or smoking.

Section 9 – Physical and Chemical Properties

Physical State:	Liquid
Color:	Black
Odor:	Slight asphaltic
Solubility in water:	N/A
Flash Point:	Not combustible
Lower explosion Limit:	N/A
Upper explosion Limit:	N/A
pH-value at 20°C:	8 – 10

Boiling Point:	212°F (100°C) Water
Freezing Point:	32°F (0°C)
Specific Gravity (Density):	1.1 kg/L at 73°F (23°C)
Viscosity, dynamic at 20°C:	Roller, Brush: 175,000 – 250,000 cps (mPas) (T Spindel “E” @ 0.3) Trowel: 900,000 – 1,000,000 cps (mPas) (T Spindel “F” @ 0.3)
VOC Concentration as applied:	0 g/L

Section 10 – Stability and Reactivity

Thermal Decomposition:	No decomposition if used as prescribed.
Chemical Stability:	Stable under normal temperatures and pressures.
Hazardous Polymerization:	Will not occur under normal conditions.
Incompatibilities:	May react with strong oxidizing agents and acids.

Section 11 – Toxicological Information

Product Information:

Acute Oral Toxicity:

- LD50 mineral oil mist: 22,000 mg/kg (mouse).

Carcinogenicity:

- Mineral oil mist: prolonged >5 mg/³ exposure may result in cancer risk.

Note: Inhalation: prolonged contact may cause irritation and/or dermatitis.
Ingestion: can cause gastrointestinal irritation.
Eyes: may cause irritation, blurred vision.
Persons with a history of chronic skin or respiratory disorders may be at risk for a worsening of their condition from exposure to this product.

Section 12 – Ecological Information

Ecological Information: The product is a slight water pollutant. Do not empty into waterways and drains.

Section 13 – Disposal Considerations

Disposal: Dispose of in a manner consistent with federal, state and local regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Cleaning Solution: Clean tools and equipment with mineral spirits, adhering to manufacturer's precautions. Do not use gasoline.

Section 14 – Transport Information

DOT (Domestic Surface) Hazard Class or Division: Not regulated.

IMO (Ocean) Hazard Class or Division: Not regulated.

ICAO (Air) Hazard Class or Division: Not regulated.

Section 15 – Regulatory Information

Asphalt: The International Agency for research on Cancer (IARC) has determined that there is sufficient evidence for the carcinogenicity of extract of steam-refined bitumen, air-refined bitumen and pooled mixtures of steam and air-refined bitumen in experimental animals. Possible skin cancer hazard based on tests with laboratory animals. This product may contain polynuclear aromatic hydrocarbons, some of which may be types that have been shown to cause skin cancer in laboratory animals. This product has not been tested as a whole for all potential health effect. It may have other health hazards related to its components. Skin contact, breathing of mists, fumes or vapors should be reduced to a minimum to avoid any ill effects. Chronic health effects would not be expected as long as good hygiene and proper safety precautions are practiced.

Section 16 – Other Information

(Hazard Rating: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe; * = Chronic)

HMIS III rating:

Health: 1* Flammability: 0 Physical hazard: 0 Protection: B

Abbreviations and acronyms:

USDOT: United States Department of Transportation.
IMDG: International Maritime Code for Dangerous Goods.
IATA: International Air Transport Association.
CAS: Chemical Abstracts Service (Division of the American Chemical Society).
LC50: Lethal concentration, 50 percent.
LD50: Lethal dose, 50 percent.

SDS prepared by: Aquafin product safety department.

DISCLAIMER:

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END OF SDS

(March 11, 2019)