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SDS No. 1.1

## Section 1 – Product Identification

IDENTITY: *Product Name:* **Waterstop-Gun Grade**  
*Product Use Description:* Sealing Strip

AQUAFIN, INC.  
505 BLUE BALL RD. #160  
ELKTON, MD 21921

24 hr Emergency Phone: Chem-Tel **(800) 255-3924**  
Information Phone No. **(410) 392-2300**  
[www.aquafin.net](http://www.aquafin.net) [info@aquafin.net](mailto:info@aquafin.net)

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:

Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
Carc. 2 H351 Suspected of causing cancer.  
Skin Sens. 1 H317 May cause an allergic skin reaction.

### GHS Label element:

#### Hazard Pictograms



GHS07

GHS08

Signal Word: **Danger**

#### Hazard Statements:

H317: May cause an allergic skin reaction.  
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H351: Suspected of causing cancer.

#### Precautionary Statements:

##### Prevention:

P102: Keep out of reach of children.  
P202: Do not handle until all safety precautions have been read and understood  
P261: Avoid breathing dust/fume/gas/mist/vapors/spray  
P272: Contaminated work clothing should not be allowed out of the workplace  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P285: In case of inadequate ventilation wear respiratory protection.

##### Response:

P302 + P352: IF ON SKIN: Wash with plenty of soap and water.  
P333 + P313: IF SKIN irritation or rash occurs: Get medical attention.  
P362: Take off contaminated clothing and wash before reuse.  
P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P342 + P311: If experiencing respiratory symptoms: call a POISON CENTER or physician.

##### Storage:

P405: Store locked up.

**Disposal:**

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

### Section 3 – Composition / Information on Hazardous Ingredients

<b>Component:</b>	<b>CAS No.</b>	<b>% (Weight)</b>
propylene carbonate	108-32-7	≤ 2.5%
diphenylmethanediisocyanate, isomeres and homologues	9016-87-9	≤ 2.5%

**Note:** 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 require reporting in this section.

### Section 4 – First Aid Measures

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

**Skin Contact:** Generally the product does not irritate the skin.

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Remove contact lenses, if present. Seek medical attention if irritation persists.

**After swallowing:** If symptoms persist consult doctor.

### Section 5 – Fire Fighting Measures

**Extinguishing Media:** Use water fog, foam, dry chemical or carbon dioxide.

**Fire Fighting Procedures:** Standard. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Containers can build up pressure if exposed to heat (fire). Cool with water spray. Do not scatter material with high pressure water streams.

### Section 6 – Accidental Release Measures

**Person-related Safety Precautions:** Provide plenty of fresh air. Avoid eye and skin contact. Avoid inhalation of vapors. Wear personal protective equipment.

**Methods for cleaning-up:** Dispose contaminated material as waste according to item 13. Ensure adequate ventilation

**Waste Disposal Method:** Dispose in accordance with local, state and federal regulations.

**Ecological Information:** Do not allow product to reach ground water, bodies of water, or storm water or sewage systems. Inform respective authorities in case of seepage into water course or sewage system.

### Section 7 – Handling and Storage

**Handling:** Ensure good ventilation/exhaustion at the workplace. Prevent formation of dust.

**Explosions and fires:** Protect from heat. Protect against electrostatic charges.

**Storage:** Protect from heat and direct sunlight.

**Storage Temperature:** ~40°F - ~90°F (4°C – 32°C).

### Section 8 – Exposure Controls / Personal Protection

**Exposure Limits:**

COMPONENT	CAS NUMBER	OSHA/PEL	ACGIH/TLV
propylene carbonate	108-32-7	0.05 ppm	0.05 ppm
Diphenylmethanediisocyanate, isomeres and homologues	9016-87-9	0.02 ppm (Ceiling)	0.005 ppm

**Engineering Controls:** Use adequate ventilation.

**Respiratory Protection:** In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

**Skin Protection:** Wear chemical resistant protective clothing and footwear impervious to the product if there is a potential for skin contact.

**Hand Protection:** Gloves: Neoprene or a glove material that is impermeable and resistant to the product/ the substance/ the preparation.

**Eye Protection:** Not required.

**Work/Hygienic Practices:** Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work

### Section 9 – Physical and Chemical Properties

**Physical state:** Pasty

**Color:** Light gray

**Odor:** Slightly musty

**Solubility in water:** Insoluble

**Boiling point:** No data

**Flash point:** Not applicable

**Vapor Pressure:** Not applicable

**Flammability:** No data

**Viscosity, (kinematic) at 25°C:** Not applicable

**Auto ignition Temperature:** Product is not self-igniting

**Lower explosion Limit:** Product does not present an explosion hazard

**Upper explosion Limit:** Product does not present an explosion hazard

**Solvent content:**

**Organic solvents:** 2.0 %

**VOC content:** 2.0 % 0.0 g/l / 0.00 lb/gl

**Solids content:** 100.0 %

**Section 10 – Stability and Reactivity**

**Reactivity:** No dangerous reactions known under conditions of normal use.

**Hazardous Decomposition Products:** No dangerous decomposition products known.

**Chemical Stability:** Stable under normal temperatures and pressures.

**Conditions To Avoid:** No further relevant information available.

**Incompatibilities:** No further relevant information available.

**Section 11 – Toxicological Information****Acute toxicity:**

Hydrocarbons, C10-12, iso-alkanes, < 2% aromatics	Dermal: LD50	>3160 mg/kg (rabbit)
	Oral: LD50	>15,000 mg/kg (rat).

diphenylmethanediisocyanate, isomeres and homologues	Dermal: LD50	>9,400 mg/kg (rabbit)
	Oral: LD50	>10 000 mg/kg (rat)
	Inhalation: LC50/4 h	.49 mg/l (rat)

**Primary irritant effect:**

**On the skin:** No irritant effect.

**On the eye:** No irritating effect.

**Sensitization:** Sensitization possible through inhalation.

**Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations: Harmful

**Carcinogenity:**

IARC: 9016-87-9 diphenylmethanediisocyanate, isomeres and homologues

NTP: None of the ingredients is listed.

OSHA: None of the ingredients is listed.

**Section 12 – Ecological Information****Ecotoxicological Information:**

MDI: EC50/24h	>1,000 mg/l (daphnia)
EC50/96h	>1,000 mg/l (fish)
EC50/72h	>1,640 mg/l (algae)

**Remark:** Harmful to fish

**General notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Harmful to aquatic organisms.

**Section 13 – Disposal Considerations**

**Product waste:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**Packaging waste:** Disposal must be made according to official regulations.

### Section 14 – Transport Information

**USDOT (Domestic Surface):** Not regulated when shipped below regulated quantity (RQ).

**IMO (Ocean):** Not regulated

**IATA/ICAO (Air):** Not regulated

### Section 15 – Regulatory Information

**TSCA (Toxic Substances Control Act):** All components are on TSCA inventory.

**RCRA Status:** If discarded in its purchased form, this material is not a RCRA hazardous waste.

#### US Federal Regulatory Information:

#### SARA Title III (Superfund Amendments and Reauthorization Act):

313 Reportable Components:

Component	CAS NUMBER
Diphenylmethanediisocyanate, isomeres and homologues	9016-87-9

**National Response Center:** Any spill or release to the environment above RQ must be reported to the National Response Center (800-424-8802).

**Proposition 65:** **Chemicals known to cause cancer, or reproductive toxicity for females or males, or developmental toxicity:** None of the ingredients is listed.

#### Carcinogenic categories:

**EPA (Environmental Protection Agency):** 9016-87-9 diphenylmethanediisocyanate, isomeres and homologues

**TLV and NIOSH-Ca:** None of the ingredients is listed.

### Section 16 – Other Information

#### 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.  
**EC50:** Median effective concentration.  
**RQ:** Reportable quantity.

**SDS prepared by:** Aquafin product safety department.

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User is responsible for determining appropriate safety measures and for applying the legislation covering his own activities.

We recommend that user makes tests to determine the suitability of a product for its particular purpose prior to use.