

Date prepared: MARCH 2014  
Date revised: JANUARY 2019

SDS No I.CUT.1

**Section 1 – Identification****IDENTITY:** *Product Name:* **EPOXY-Baseplate Grout "COMPONENT-A"** (SDS 1 of 2)  
*Chemical Characterization:* EPOXY RESIN (IRRITANT)AQUAFIN, INC.  
505 BLUE BALL RD., NO. 160  
ELKTON, MD 2192124 hr Emergency Phone: Chem-Tel (800) 394-1410  
Information Phone No: (410) 392-2300  
[info@aquafin.net](mailto:info@aquafin.net) [www.aquafin.net](http://www.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:**Skin irritation, Category 2  
Skin sensitization, Category 1  
Eye irritation, Category 2AH315: Causes skin irritation  
H317: May cause an allergic skin reaction  
H319: Causes serious eye irritation**GHS Label element:****Hazard Pictograms**

GHS07

Signal Word: Warning

**Hazard Statements:**H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation.  
H411: Toxic to aquatic life with long lasting effects.**Precautionary Statements:****Prevention:**P102: Keep out of reach of children.  
P261: Avoid breathing mist/vapors/spray.  
P264: Wash skin thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P273: Avoid release to the environment.  
P280: Wear eye protection/face protection.  
P280: Wear protective gloves.  
P281: Use protective equipment as required.**Response:**P301 + P315: IF SWALLOWED: Get immediate medical advice/attention.  
P302 + P352: IF ON SKIN: Wash with plenty of 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: Store in a well-ventilated place.

**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

**Description:** Solvent-free preparation based on bisphenol-A-epichlorhydrin resin molecular weight  $\leq 700$ .

COMPONENTS	CAS NUMBER	WEIGHT %
Bisphenol-A Epoxy Resin	25058-99-8	<75
Alkyl C12- C14 Glycidil Ether	68609-97-2	>25

EINECS: 271-846-8  
HAZARD CLASSIFICATION: [Xi] Irritant  
RISK PHRASES: R38, R43

### Section 4 – First Aid Measures

**After Inhalation:** Remove subject to fresh air. Administer oxygen if difficulty with breathing. Consult a physician.

**After Ingestion:** Immediately seek medical attention. Do not induce vomiting. Drink plenty of water to dilute stomach contents.

**After Skin Contact:** Instantly wash skin with plenty of soap and water for at least 15 minutes. Wash clothing before reuse. Seek medical attention if irritation, rash or other adverse effect occurs.

**After Eye Contact:** Rinse opened eye with plenty of running water for at least 15 minutes, lifting upper and lower eyelids occasionally. Remove contact lenses. Consult physician. Eye wash stations should be available.

### Section 5 – Fire Fighting Measures

**Extinguishing Media:** Carbon dioxide (CO<sub>2</sub>), extinguishing powder, water fog. Do not use full water jet.

**Special Fire Fighting Procedures:** As in any fire, wear full protective gear 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:** Bursting and explosion of container possible due to increase of pressure when exposed to increasing heat. In case of fire, cool nearby containers with water fog. Formation of poisonous gases during heating or in fires.

### 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. Remove or eliminate all ignition sources.

**Methods for Cleaning up:** Contain and collect spillage with non-combustible, absorbent materials. I.e. sand, earth, vermiculate, diatomaceous earth, universal binders, sawdust and place in container for disposal.

<b>Waste Disposal Method:</b>	Dispose in accordance with local, state and federal regulations.
<b>Ecological Information:</b>	Do not allow product to reach ground water, bodies of water, or storm water or sewage systems.

### Section 7 – Handling and Storage

<b>Handling:</b>	Avoid eye and skin contact. Keep out of reach of children.
<b>Storage:</b>	Store in a cool, dry enclosed area off the ground in tightly closed containers. No special measures required against explosion and fires. Store away from foodstuffs. Provide fresh air when handling in closed rooms (open windows and doors).

### Section 8 – Exposure Controls / Personal Protection

<b>Engineering Controls:</b>	Use with adequate general and local exhaust ventilation. Washing of the skin in the working area must be possible. Eye-wash station or bottle must be available.
<b>Respiratory Protection:</b>	Respirator in well ventilated areas not necessary. Wear a properly fitted NIOSH approved respirator in poorly ventilated areas or spillage.
<b>Skin Protection:</b>	When installing, wear appropriate protective rubber or plastic gloves to prevent hand-skin exposure. Wear appropriate impervious clothing to prevent skin exposure (long sleeve shirt and long pants).
<b>Eye Protection:</b>	Wear tightly sealed safety glasses with side shields or goggles. Face shield as necessary.
<b>Work/Hygienic Practices:</b>	Wash hands before breaks and after work, and before eating, drinking or smoking.

### Section 9 – Physical and Chemical Properties

<b>Physical State:</b>	Liquid
<b>Appearance/Color:</b>	Clear
<b>Odor:</b>	Aromatic odor
<b>Solubility in water:</b>	Limited
<b>Boiling Range:</b>	138° C (280° F)
<b>Melting Point:</b>	Not determined
<b>Flammability:</b>	Does not self-ignite
<b>Explosion:</b>	Does not explode
<b>Density:</b>	1.2 kg/dm <sup>3</sup> at 20°C (68°F)
<b>Weight:</b>	1.44 kg/l (12 lb/gallon)
<b>Solids:</b>	100%
<b>VOC Concentration:</b>	0 g/l

### Section 10 – Stability and Reactivity

<b>Chemical Stability:</b>	Stable under normal conditions.
<b>Conditions to Avoid:</b>	Keep away from heat, ignition sources and incompatible materials.
<b>Hazardous Decomposition:</b>	Dangerous emissions (i.e. carbon monoxide, carbon dioxide, smoke) of various decomposition products can be formed when exposed to heat.
<b>Incompatibilities:</b>	Avoid contact with acids and oxidizers, bases and epoxy hardeners under controlled conditions.

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

25058-99-8	Epoxy resin	
	LD50	Not established
	LD50	Not established

**Primary Irritation:**

- **Skin:** irritates skin and mucous membrane.
- **Eyes:** irritating
- **Sensibility:** sensibility through contact with skin possible.

**Section 12 – Ecological Information**

**Aquatic toxicity:** No ecological information available.

**Bioaccumulative potential:** No further relevant information available.

**Mobility in soil:** No further relevant information available.

**Remark:** Toxic for fish. Do not allow product or large quantities to reach into waterways or drains.

**General notes:** Water hazard class 2 (Self-assessment): hazardous for water.  
Do not allow product to reach ground water, bodies of water, or storm water or sewage systems.

**Section 13 – Disposal Considerations**

**Waste Disposal Method:** Dispose of in a manner consistent with federal, state and local regulations. This includes pails containing uncured material. Pails with cured/hardened remains of product can be sent for recycling.

To the best of our knowledge, this product does not meet the definition of hazardous waste under U.S. EPA Hazardous Waste Regulations 40 CFR 261. Disposal via incineration at an approved facility is recommended.

**Recommendation:** Product mixed with hardener and fully cured is ecologically save and can be disposed to local refuse deposit or recycling facility.

**Section 14 – Transport Information**

**USDOT (Domestic Surface):** Not regulated.

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

**IMDG (Ocean):** Not regulated.

**Section 15 – Regulatory Information**

All raw materials are on the U.S., EPA, TSCA Inventory.

**SARA Hazard Classification:** Sara Title III Regulations (40 CFR 370): Acute

**SARA Secion 313 Listed ingredients:** This material does not contain any substance which is subject to the reporting requirements of 40 CFR 372.

DOT Proper Shipping Name: N/A.

UN Number: N/A.

**Section 16 – Other Information**

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

**HMIS III rating:**

Health: 2\* Flammability: 1 Physical hazard: 1 Personal Protection: E

**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.

This SDS is on a three year review cycle. If the date on this sheet is older than three years please contact Aquafin, Inc. for an updated SDS.

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

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, expressed or implied, and we assume no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use. Aquafin shall not be responsible for the use of this product in a manner to infringe on any patent or any other intellectual property rights held by others.

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.

**END OF SDS**

(January 22, 2019)