

1. Identification

Product identifier: Aqua-Glass™, Aqua-Veil, Aqua-Axial 2

Other means of identification: AQG™ Glass Fiber Reinforcement, Aqua-Veil™, AQG-FCV™ Surfacing Veil

Recommended use: Reinforcement fiber for Aqua-Resin mixes

Restrictions on use: None Known

Supplier's details: Aqua-Resin, 16 Greene Street, New York, NY 10013. Telephone: 212.226.1208

Emergency telephone number: 212.226.1208

2. Hazards Identification

- 1- **Inhalation:** Dusts from this material may cause mechanical irritation of nose, throat and **respiratory** tract.
 - 2- **Ingestion:** Unlikely, but in case of occurrence, possible illness or irritation of mouth and gastrointestinal tract.
 - 3- **Skin:** Dusts from this material may cause temporary mechanical irritation.
 - 4- **Eyes:** Dusts from this material may cause temporary mechanical irritation.
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3. Composition/information on ingredients

Mixture:

Chemical identity: 65997-17-3

Chemical name: Fiberglass

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Chemical identity: Proprietary

Chemical name: Sizing < 0.06%

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Chemical identity: Proprietary, non-hazardous

Chemical name: Binder <15%

4. First aid measures

- 1- **Inhalation:** If symptomatic, remove individual to fresh air. Consult a physician.
 - 2- **Ingestion:** Not considered toxic. If symptomatic, consult a physician.
 - 3- **Skin contact:** If symptomatic, wash affected areas with soap and water.
 - 4- **Eye contact:** If symptomatic, flush repeatedly with water. Consult physician.
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5. Firefighting measures

Suitable extinguishing media: N/A

Unsuitable extinguishing media: N/A

Specific hazards: N/A

Unusual fire and explosion hazard: None

Special protective equipment and precaution for fire fighters: N/A

6. Accidental release measures

Personal precautions: Common sense precautions should apply.

Protective equipment:

Respiratory protection: None required. Under extreme conditions use a NIOSH approved particulate respirator.

Ventilation Local Exhaust: None required.

Mechanical (general): None required.

Protective gloves: None required. However individuals with skin sensitivity may require protective gloves.

Eye protection: None required under anticipated conditions of use. Goggles or safety glasses recommended for extreme conditions. Running water or eyewash station should be available.

Environmental precautions: None known

Methods and materials for containment and cleaning up: Sweep or vacuum. Water spray will minimize dust.

7. Handling and storage

Precautions for safe handling: Wet sand to eliminate dust for smoothing and finishing operations when this material is incorporated in a cured L/S3 Aqua-Resin mix..

Conditions for safe storage, including incompatibilities: No special precautions.

8. Exposure controls/personal protection

Occupational exposure limits:

Chemical name: Fiberglass

ACGIH-TWA: 5.0 mg/m³, Respirable

OSHA-TWA: 5.0 mg/m³

OSHA-PEL: Respirable

OSHA-Ceiling: 15 mg/m³. Total Dust

Appropriate engineering controls: Local exhaust. The need for additional controls is not anticipated.

Individual protection measures such as personal protective equipment:

Respiratory protection: None required. Under extreme conditions use a NIOSH approved particulate respirator.

Eye protection: None required under anticipated conditions of use. Goggles or safety glasses recommended for extreme conditions.

Protective gloves: None required. However individuals with skin sensitivity may require protective gloves.

Environmental exposure controls: Unlikely needed, but if required should be checked for compliance with appropriate environmental legislation.

9. Physical and chemical properties

Appearance: Water white fiber

Odor: Aqua-Glass has no odor. Aqua-Veil™ has slight agreeable odor

Odor Threshold: N/A

pH: N/A

Melting point/Freezing point: N/A (glass)
Initial boiling point and boiling range: N/A
Flash point: N/A
Evaporation rate: N/A
Flammability (solid, gas): N/A
Upper/lower flammability or explosive limits: N/A
Vapor pressure (mm Hg): N/A
Vapor density (Air=1): N/A
Relative density: 2.5-2.6
Solubility: N/A
Solubility in H₂O: Negligible
Partition coefficient: n-octanol/water: N/A
Auto-ignition temperature: N/A
Decomposition temperature: N/A

10. Stability and reactivity

Chemical stability: Stable
Possibility of hazardous reactions: None known
Conditions to avoid: None known
Incompatible materials: None known
Hazardous decomposition products: None known

11. Toxicological information

Likely routes of exposure:

Acute Effects:

Inhalation: Unlikely, may irritate respiratory tract.

Ingestion: Unlikely, may cause gastrointestinal irritation.

Skin: May irritate eyes.

Eye: May irritate skin.

Chronic effects: None known.

This product is in compliance with LHAMA and as such has been evaluated by an independent toxicologist and shown to have no chronic toxicity.

This material, as supplied, is not considered a cancer risk by any of the major cancer reporting agencies. Unlike thin diameter fiberglass such as used for thermal insulation, Reinforcement Glass Fibers, such as these, are not considered respirable because of their large diameter (ca. 9-16 microns or larger). The National Institute for Occupational Safety and Health (NIOSH) considers fibers with a diameter greater than 3.5 microns to be non-respirable. During normal sanding and grinding operations, fracturing occurs across the width, leaving particles too large to enter lung alveoli. However, fibers that have been severely crushed or otherwise mechanically processed could possibly contain a small amount of respirable fiber, although measured airborne concentrations of these fibers after such processing have been extremely low and well below any regulatory limits. Repeated or prolonged exposure to respirable glass fibers may cause fibrosis, lung cancer and mesothelioma. Separate studies conducted by the University of Pittsburgh and by IARC show no increase in lung cancer or respiratory disease in workers in fiberglass production facilities. In addition, these fiberglass products, when used in conjunction with the intended Aqua-Resin products, and used according to the recommended procedures, in particular with wet sanding, should have the possibility of respirable fiber exposure reduced to virtually nil.

12. Ecological Information

Eco-toxicity (aquatic and terrestrial, where available): No known significant effects or hazards.
Persistence and degradability: No information available, but glass fiber would not be expected to degrade rapidly.
Bio-accumulative potential: No information available
Mobility in soil: No information available
Other adverse effects: No information available

13. Disposal considerations

General: This product must be disposed of in accordance with all applicable federal, state and local regulations.
Waste disposal: Landfill is recommended. Contact your state or local environmental agency for specific rules for both waste and containers.

14. Transport information

UN Number: None
UN Proper shipping name: None
Transport Hazard class(es): None
Marine Pollutant (Yes/No): No
Special precautions: None

15. Regulatory information

USA TSCA STATUS: All components are listed or exempted.
CERCLA Reportable Quantity (RQ): No products found.
SARA Title III:
Section 302 (EHS): No products found.
Section 311/312 (Acute): No products found.
Section 313: No products found.
RCRA: Not applicable.
CANADIAN WHMIS: Not identified.

16. Other information

Precautionary Labeling:	HMIS	NFPA
Health	1	1
Flammability	0	0
Reactivity	0	0
Other	-	N/A

Rating Scale:
0 = Minimal Hazard, 1 = Slight Hazard, 2 = Moderate Hazard, 3 = Serious Hazard, 4 = Extreme Hazard

Abbreviations and Acronyms:
HMIS: Hazardous Materials Identification System
NFPA: National Fire Protection Association
LHAMA: Labeling of Hazardous Art Materials Act

N/A: NOT APPLICABLE
N/E: NONE ESTABLISHED

The information in this SDS relates only to the specific materials designated, and to the specific Aqua-Resin® products identified in our instructions. It does not relate to use in combination with any other materials or processes. This information is provided in good faith, and as of the revision date of this document, is believed to be correct. However, Aqua-Resin® does not make any representation as to its accuracy or completeness. Users are advised to make their own determination as to the suitability of this product for their particular purpose. Accordingly, Aqua-Resin® disclaims responsibility for damages of any kind resulting from the use of this information.