

Product Identification: Aqua-Glass[™], AQG[™] Glass Fiber Reinforcement, Aqua-Veil[™], AQG-FCV[™] Surfacing Veil

Section I:

Manufacturer's Name:	Aqua-Resin [®]	Emergency Phone:	212.226.1208
	New York, NY	Date:	Nov.14, 2005
Supersedes all previous Material Safety Data Sheets			

Section II

Hazardous Ingredients / Identity Information

Components	CAS #	OSHA PEL	ACGIH TLV
Fiberglass, (Not significantly hazardous)	65997-17-3		5.0 mg/m3 - TWA
Sizing:	proprietary, not hazardous less than 0.06%		
Binder	proprietary, not hazardous 1-15%		

Section III

Physical/Chemical Characteristics

Boiling Point:	N/A	Melting Point:	N/A (glass)
pH:	N/A	Evaporation Rate (BuAc=1):	N/A
Vapor Pressure (mm Hg):	N/A	Solubility in Water:	Negligible
Vapor Density (Air=1):	N/A	Appearance, color & odor:	Water white fiber. Aqua-Glass [™] has no odor. Aqua-Veil [™] has slight agreeable odor.
Specific Gravity:	2.5-2.6		

Section IV

Fire and Explosion Hazard Data

Flash Point (method used):	N/A	UEL:	N/A
Flammable Limits:	N/A	Extinguishing Media:	N/A
LEL:	N/A	Special Fire Fighting Method:	N/A
Unusual Fire/Explosion	None		
<i>N/A: Not applicable</i>			

Section V

Reactivity Data

Stability:	Unstable:	Stable: X
Conditions to Avoid:	None known	
Incompatibility to Avoid:	None known	
Hazardous Decomposition or Byproducts:	None known	
Hazardous Polymerization	May Occur:	Will Not Occur: X
Conditions to Avoid:	None known	

Section VI

Health Hazard Data

Routes of Entry	<u>Signs and Symptoms of Overexposure</u>	<u>Chronic</u>
Inhalation:	Unlikely, may irritate respiratory tract.	None known
Ingestion:	Unlikely, may cause gastrointestinal irritation.	None known
Eyes:	May irritate eyes.	None known
Skin:	May irritate skin.	None known

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Carcinogenicity

NTP: No
IARC: No
OSHA: No

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 fiber glass 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.

Medical Conditions Generally

Aggravated by Exposure: Pre-existing conditions of eye, skin, and lung.

Emergency and First Aid

Inhalation: If symptomatic, remove individual to fresh air.
Ingestion: Not considered toxic. If symptomatic, consult a physician.
Eyes: If symptomatic, flush repeatedly with water. Consult physician.
Skin: If symptomatic, wash affected areas with soap and water.

Precautionary Labeling

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

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

Section VII

Precautions for Safe Handling and Use

Steps to be Taken In Case Material is Spilled or Released: Sweep or vacuum. Water spray will minimize dust.
Waste Disposal Method: Dispose in accordance with local, state and federal regulations.
Precautions to be Taken in Storing and Handling: No special precautions.
Other Precautions: Wet sand to eliminate dust for smoothing and finishing operations.

Section VIII

Respiratory Protection:
Ventilation

Local Exhaust:

Mechanical (general):

Protective gloves:

Eye Protection:

Other Protective Equipment
or Clothing:

Work/Hygiene Practices

N/A: not applicable

Control Measures

None required. Under extreme conditions a NIOSH approved particulate respirator.

None required

Special:

None

None required

Other:

None

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

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

Eyewash station or running water should be available.

Common sense precautions only.

Section IX

US DOT Hazard Class:

Transportation Classification

Not Regulated by D.O.T.

The information in this MSDS 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 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.

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