

MATERIAL SAFETY DATA SHEET

Section I – Product and Company Information

Product Name: AquaMend®
CAS Number: Mixture
Hazard Rating: Health: 1 Fire: 1 Reactivity: 0 PPI: B
Proper Shipping Name: Not DOT Regulated

Section II – Ingredient and Hazard Information

Ingredient Name	CAS Number	Percent	TSCA	Health	Fire	Reaction	PPE
Glycidyl ethers of bisphenol A resins	25068-38-6	7 – 13	Y	2	1	0	B
Epoxy Novalac Resin	028064-14-4	3 – 7	Y	1	1	0	B
Polymeric phenolic amine	32610-77-8	1 – 5	Y	3	1	0	D

*** ALL Ingredients in this product are listed in the T.S.C.A. Inventory

Section III – Physical Data

Form: Putty
Appearance/Color: Green/white
Odor: Amine, fishy
Solubility: Insoluble in water
pH Value: N/A
Boiling Range: N/A
Vapor Pressure (mmHg): N/A
Melting Point: N/A
Evaporation Rate: Non-volatile
Vapor Density: Non-volatile
% Volatile Weight: 0%
VOC: <1.0%

Note: The physical data represented above are typical values and should not be construed as a specification. For additional physical data and details on use, please obtain a technical data sheet for this product.

Section IV – Fire and Explosion Hazard Data

Flammability Class: IIIB
Flash Range: N/A
Explosive Range: N/A
Extinguishing Media: Water spray, foam, CO₂, dry chemicals
Unusual Hazards: Aldehydes, acids, and oxides of carbon, nitrogen and sulfur
Fire Fighting: Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH-approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

Section V – Health Hazard Data

	Route	Species	Exposure and Dose
Glycidyl ethers of bisphenol A resins	Oral	Rat, adult	LD50 5000 mg/Kg
	Dermal	Rabbit, adult	LD50 20000 mg/Kg

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	Route	Species	Exposure and Dose
Epoxy Novalac Resin	Oral	Rat, adult	LD50 5000 mg/Kg
	Dermal	Rabbit, adult	LD50 20000 mg/Kg

Permissible Exposure Level: N/E

Effects of Overexposure

Inhalation:	None
Ingestion:	Irritation of intestinal tract
Skin Contact:	Possible irritation and sensitizer
Eye Contact:	Possible irritation and sensitizer

First Aid

Inhalation:	Remove to fresh air.
Ingestion:	Seek medical advice.
Skin Contact:	Wash thoroughly with soap and water.
Eye Contact:	Flush with water for at least 15 minutes. Seek medical advice.

Note: Never give anything by mouth to an unconscious person.

Section VI – Stability and Reactivity Data

Stability:	This product is stable.
Hazardous Polymerization:	Hazardous polymerization will not occur.
Incompatibility:	None
Conditions to Avoid:	None
Hazardous Decomposition Products:	Aldehydes, acids, and oxides of carbon, nitrogen, and sulfur

Section VII – Spill and Leak Procedures

Steps to be Taken

Spills or Leaks:	Dispose of in normal manner.
Waste Disposal Method:	Incinerate in furnace or bury in landfill in accordance with all applicable regulations; not a hazardous waste.

Section VIII – Exposure Controls/Personal Protection

Occupational Exposure Limits

	ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
Glycidyl ethers of bisphenol A resins	N/est	N/est	N/est	N/est	N/est
Epoxy Novalac Resin	N/est	N/est	N/est	N/est	N/est
Polymeric phenolic amine	N/est	N/est	N/est	5.00 PPM	5.00 PPM

Protective Equipment Types

Eyes:	Safety glasses or goggles
Respiratory:	None required unless sanding or abrading.
Gloves:	Appropriate impervious gloves. Because a variety of protective gloves exist, consult glove manufacturer to determine the proper type for a specific operation.
Other:	None required

Ventilation

General Mechanical: None required

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Local Exhaust: Only if heated above 100° F (38° C)

Section IX Handling and Storage

Storage Temperature: <90° F (32° C)
Storage Conditions: Store in cool, dry, well-ventilated area.
Transfer: No special precautions are needed. Follow good manufacturing and handling practices.
Personal Hygiene: Wash thoroughly after handling, especially before eating, drinking, smoking and using restroom facilities. Wash contaminated goggles, face shield, and gloves. Professionally launder contaminated clothing before re-use.
Empty container precautions: Attention! This container can be hazardous when empty. Follow label cautions even after the container is empty since empty containers could retain product residues. Do not re-use empty containers for food, clothing, or products for human or animal consumption, or where skin contact can occur.

Section X – Regulatory Information

SARA 313

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and reauthorization Act of 1986 and 40 CFR part 372:

Chemical Name	CAS	Weight Percent
Zinc Sulfide	1314-98-3	3 - 7

OSHA Hazard Communication Standard

Chemical Name	CAS	Weight Percent
None	N/A	N/A

Right-to-Know

The non-hazardous ingredients in this product subject to the Pennsylvania, New Jersey, and/or Massachusetts Right-to-Know laws are:

CAS	Name
14807-96-6	Magnesium silicate hydrate
Trade Secret	Polyether polymercaptan
65997-17-3	Sodium calcium magnesium silicate

NOTE:

USERS RESPONSIBILITY: A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions - in addition to those described herein - are required. Any health hazard and safety information herein should be passed on to your customers or employees as the case may be.

DISCLAIMER OF LIABILITY: The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Final determination of suitability of the chemical is the sole responsibility of the user. No representation or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other natures are made hereunder with respect to the information refers. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.