

Section 1 Identification

Product identifiers

Product names: Master White Wood Glue

Relevant identified uses

Water Based Adhesive

Details of the supplier of the safety data sheet

Freeman Manufacturing and Supply Company
1101 Moore Road, Avon, OH 44011
Phone (440) 934-1902
FAX (440) 934-7200

HMIS	
H	1
F	0
R	0
PPE	
Sec. 8	

24 Hour Emergency Phone Number: (800) 424-9300

Section 2 Hazards Identification

Classification of the substance or mixture

Acute Toxicity, Oral, Category 4
Specific Target Organ Toxicity, repeated exposure, Category 2, (kidney)

GHS Label elements, including precautionary statements



Signal word

Warning

Hazard statements

May cause eye irritation.
May cause minor skin irritation.
Harmful if swallowed.
May cause damage to organs through prolonged or repeated exposure if swallowed, (kidney).

Precautionary statements

Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray.
Do not eat, drink, nor smoke when using this product.
Wear protective equipment, such as gloves, eye protection, and face protection.

Response

If exposed or concerned, get medical attention.
Wash skin thoroughly after handling.

Storage

Store in a well-ventilated place. Keep cool.

Disposal

Dispose of contents and container to an appropriate waste site in accordance with local and national regulations.

Section 3 Composition/Information on Ingredients

Mixture

Ingredient Name	CAS Number	% Concentration
Ethylene Glycol	107-21-1	1-3

Section 4 First Aid Measures

If inhaled This material does not present a hazard if inhaled. Remove individual to fresh air after an airborne exposure if any symptoms develop, as a precautionary measure.

In case of skin contact Wash off with soap and plenty of water. Get medical attention if irritation develops or persists.

In case of eye contact Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.

If swallowed Do not induce vomiting. Seek medical attention immediately. Drink two glasses of water or milk to dilute. Do not give anything by mouth to an unconscious person. Induce vomiting as a last measure. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis that may be fatal.

Section 5 Fire-Fighting Measures

Suitable Extinguishing Media
 Use water spray, foam, dry chemical or carbon dioxide.

Special Fire-Fighting Procedures
 Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.

Unusual Fire and Explosion Hazards
 There is a possibility of pressure buildup in closed containers when heated. Water spray may be used to cool the containers.

Hazardous Decomposition Products
 Carbon dioxide, Carbon monoxide

Section 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures
 For personal protection see section 8.

Environmental precautions
 Keep spilled product out of sewers, watersheds, or water systems.

Methods and materials for containment and cleaning up
 Absorb with liquid binding material
 Keep in suitable, closed containers for disposal.

Section 7 Handling and Storage

Precautions for safe handling

Mildly irritating material. Avoid unnecessary exposure.
This product may contain trace amounts (<0.1%) of residual monomer. Under normal handling and use conditions the residual monomer should not present a hazard. All procedures appropriate for a confined space entry should be completed prior to performing any work in a bulk storage tank

Conditions for safe storage, including any incompatibilities

Store at ambient temperatures in closed containers.
Do not allow to freeze as product may be damaged.

Section 8 Exposure Controls/Personal Protection

Components with workplace control parameters

Ingredient	OSHA		ACGIH	
	PEL	STEL	TWA	STEL
Ethylene Glycol	100 mg/m ³	none estab.	100 mg/m ³	none estab.

Exposure controls

Appropriate engineering controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and/or vapors below the recommended exposure limits (see below). An eye wash station and safety shower should be located near the workstation.

Personal protective equipment

Eye/face protection

With product at ambient temperatures, use safety glasses equipped with side shields.

Skin protection

Hand Protection

With product at ambient temperatures, use disposable nitrile gloves with repeated or prolonged use.

Body Protection

Wear appropriate clothes if there is potential for skin irritation from dust.

Respiratory Protection

The need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation. If elevated airborne concentrations above applicable workplace exposure levels are anticipated, a NIOSH-approved organic vapor respirator equipped with a dust/mist prefilter should be used.

Safety Stations

Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

General Hygienic Practices

Avoid breathing dust. Avoid contamination of food, beverages, or smoking materials. Wash thoroughly after handling, and before eating, drinking or smoking. Remove contaminated clothing promptly and clean thoroughly before reuse.

Section 9 Physical and Chemical Properties

Appearance	Opaque white liquid
Odor	Mild, sweet
Odor Threshold	No data available
pH	4.2-7.5
Melting Point	No data available
VOC Content	0
Initial boiling point	Approximately 100°C (212°F)
Flash Point	>116°C (>240°F)
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability	No data available
Vapor Pressure	No data available
Vapor density	No data available
Relative density (g/cc)	1.08 ± 0.06
Water Solubility	No data available
Coefficient: n-octanol/ water	No data available
Auto-ignition temperature	>399°C (>750°F)
Viscosity	No data available
Explosive Properties	None
Oxidizing Properties	None
% Volatile	No data available

Section 10 Stability and Reactivity

Stability	Stable at ambient temperatures, Coagulation may occur following freezing, thawing, or boiling.
Conditions to avoid	None known
Incompatible materials	Strong acids or bases
Hazardous decomposition products	Carbon monoxide, carbon dioxide
Hazardous polymerization	Will not occur

Section 11 Toxicological Information

No additional health information available. The mixture has not been tested. The information provided is for Ethylene Glycol only.

Chemical Name	LD50/LC50 Rat Oral
Ethylene Glycol	6,140 mg/kg

Section 12 Ecological Information

Ecotoxicity	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT & vPvB assessment	No data available

Section 13 Disposal Considerations

Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose of material according to Local, State, Federal, and Provincial Environmental Regulations.

Section 14 Transport Information

DOT: Not regulated
IMDG: Not regulated
IATA: Not regulated

Section 15 Regulatory Information

US Federal Regulations

Toxic Substance Control Act: All ingredients listed on TSCA Inventory.
CERCLA Hazardous Substance (40 CFR 302.4): Ethylene Glycol = 1 -3 % RQ = 5,000lb.
SARA Title III Sec. 311/312 Codes: No hazard categories identified
SARA Title III Sec. 313 Toxic Chemicals (40 CFR 372.65)
Ethylene Glycol (CAS # 107-21-1) 1-3% by wt.

State Regulations

California Prop 65: This product is not known to contain any components for which the State of California has found to cause cancer, birth defects or other reproductive harm.

Canadian Regulations

CEPA DLS: This product is in compliance with the Canadian Domestic Substance List requirements.

Section 16 Other Information

16.1 Disclaimer

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