

Section 1 Identification

Product identifiers

Product names: Gold Wood Glue

Relevant identified uses

Adhesive – For Industrial Use Only

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	1
R	0

PPE

Sec. 8

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

Section 2 Hazards Identification

Classification of the substance or mixture

Reproductive Toxicity, Category 1B

GHS Label elements, including precautionary statements



Signal word

Danger

Hazard statements

May damage fertility.

May damage the unborn child.

Precautionary statements

Prevention

Use personal protective equipment as required.

Response

If exposed or concerned, get medical attention.

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.

Hazards not otherwise classified (HNOC) or not covered by GHS

None known.

Section 3 Composition/Information on Ingredients

Ingredient Name	CAS Number	% Concentration
Boric Acid	10043-35-3	0.1-1

Section 4 First Aid Measures

Description of first aid measures

If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

In case of skin contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

In case of eye contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

If swallowed: Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms and effects, both acute and delayed

Inhalation	Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations
Skin contact	Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations
Ingestion	Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations

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

Avoid exposure, especially during pregnancy. Provide appropriate exhaust ventilation at places where dust is formed.

Try to avoid creating dust.

Conditions for safe storage, including any incompatibilities

Store at ambient temperatures in closed containers.

Do not freeze.

Section 8 Exposure Controls/Personal Protection

Components with workplace control parameters

Ingredient	OSHA		ACGIH	
	PEL	STEL	TWA	STEL
Boric Acid	none established	none established	2 mg/m ³	6 mg/m ³

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.

Section 8 Exposure Controls/Personal Protection continued
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 yellow liquid
Odor	Mild
Odor threshold	No data available
pH	4.0-5.0
Melting Point	No data available
VOC Content	0
Initial boiling point	100°C (212°F)
Flash Point	>95°C (>203°F)
Evaporation rate	1 (n-Butyl acetate =1)
Flammability (solid, gas)	No data available
Upper/lower flammability	No data available
Vapor pressure	17.5 mmHg at 20°C
Vapor density	No data available
Relative density (g/cc)	1.1
Water Solubility	Dispersible
Coefficient: n-octanol/ water	No data available
Auto-ignition temperature	No data available
Viscosity	4,000-5,000 cP
Explosive Properties	None
Oxidizing Properties	None
% Volatile	No data available

Section 10 Stability and Reactivity
Reactivity

None.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid

No specific data

Incompatible materials

Strong oxidizers

Section 10 Stability and Reactivity continued
Hazardous decomposition products

Note: Residual formaldehyde gas may be released from this product during processing. The amount and level will depend on local conditions of use. Formaldehyde gas is irritating to the eyes and upper respiratory tract and may aggravate existing respiratory conditions or allergies. OSHA has listed formaldehyde as a potential human carcinogen. See the OSHA formaldehyde standard 29 CFR 1910.1048 for further details. The International Agency for Research on Cancer (IARC) has classified formaldehyde as carcinogenic to humans.

Section 11 Toxicological Information
Information on toxicological effects

Acute toxicity oral	LD50, Rat = 2,500 mg/kg (Boric acid)
Acute toxicity inhalation	No data available
Acute toxicity dermal	No data available
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	

IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.
ACGIH	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen.
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.

Reproductive toxicity	No data available
Specific target organ toxicity	
- single exposure	No data available
Specific target organ toxicity	
- repeated exposure	No data available
Aspiration hazard	No data available

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

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14 Transport Information

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

Section 15 Regulatory Information**US Federal Regulations**

TSCA 12(b) - Chemical export notification: None required.

TSCA 8b – All components are listed or exempted.

US State Regulations

California Proposition 65: ⚠ **WARNING:** This product can expose you to formaldehyde and methanol, which are known to the State of California to cause cancer or birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

This product contains <0.1% formaldehyde, and <1.0% methanol.

Canadian Regulations

DLS: All components are listed or exempted.

Section 16 Other Information**Disclaimer**

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