

Corning Wax All Purpose Duplicolloid Duplicating Material

Section 1 Identification

1.1 Product identifier

Corning Wax All Purpose Duplicolloid Duplicating Material

1.2 Relevant identified uses of the substance or mixture and uses advised against

Superior Hydro-colloid for all stone and investment models. For professional dental applications only

1.3 Details of the supplier of the safety data sheet

Freeman Manufacturing & Supply Company
1101 Moore Road, Avon, OH 44011-4043 USA
Telephone: +1 800 321-8511
Email: contactus@freemansupply.com

1.4 Emergency telephone number

CHEMTREC +1 800 424-9300

Section 2 Hazards Identification

2.1 Classification of the substance or mixture

Eye irritation, Category 2B

Reproductive toxicity, Category 1B

2.2 GHS Label elements, including precautionary statements



Danger

Hazard Statements

H320 Causes eye irritation.

H360 May damage fertility or the unborn child.

Precautionary Statements

P280 Wear protective gloves/protective clothing/eye protection.

P264+P265 Wash hands thoroughly after handling. Do not touch eyes.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses if present and easy to do - continue rinsing.

P337+P317 If eye irritation persists: Get medical help.

P318 If exposed or concerned, get medical advice.

P405 Store locked up.

P501 Dispose of contents/ container to an approved waste disposal plant.

Section 3 Composition/Information on Ingredients

3.1 Mixture of Substances

Chemical Name	CAS Number	Weight - %	GHS Classification
Glycerin	56-81-5	15 - 40	None
Potassium sorbate	24634-61-5	1 - 5	Eye irritation, Category 2, H319
Sodium tetraborate decahydrate	1303-96-4	≤ 1	Eye irritation, Category 2A, H319 Reproductive toxicity, Category 1B, H360

Additional components are non-hazardous and do not need to be disclosed according to the applicable regulations.

Section 4 First Aid Measures

4.1 Description of first aid measures

After inhalation: Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. Get medical attention.

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Section 4 First Aid Measures

After contact with skin: Immediately wash thoroughly with soap and water, remove contaminated clothing and footwear. Wash clothing before reuse. Get medical attention if irritation should develop
After contact with eyes: Remove contact lenses, if worn. Immediately flush with water for at least 15 minutes, holding eyelids apart to ensure flushing of the entire surface. Seek immediate medical attention/ophthalmologist.
After ingestion: After swallowing: immediately make victim drink water (two glasses at most). Consult a physician.

Section 5 Fire Fighting Measures

5.1 Extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Do not use a high-volume water jet.

5.2 Special hazards arising from the substance or mixture

During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating.. Combustion products may include and are not limited to carbon monoxide, carbon dioxide, borane, boron oxides, sodium oxides.

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Section 6 Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Wear appropriate personal protective equipment, see Section 8.

6.2 Environmental precautions

Should not be released into the environment. Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

6.3 Methods and materials for containment and cleaning up

Collect material into suitable container for disposal.

Section 7 Handling and Storage

7.1 Precautions for safe handling

Wear appropriate personal protective equipment. Avoid contact with skin and eyes. Avoid ingestion and inhalation. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

7.2 Conditions for safe storage, including any incompatibilities

Store at ambient temperatures. Keep container closed when not in use. Avoid strong oxidizers.

Section 8 Exposure Controls/Personal Protection

8.1 Components with workplace control parameters

Components	CAS Number	Value type	Control parameters	Basis
Glycerin	56-81-5	TWA (mist, respirable fraction)	5 mg/m ³	OSHA Z-1
Disodium tetraborate decahydrate	1303-96-4	TWA	5 mg/m ³	NIOSH

8.2 Exposure controls

Appropriate engineering controls: Use local exhaust ventilation, or other engineering controls to maintain airborne levels below applicable exposure limit requirements or guidelines. General ventilation should be sufficient for most operations. Make emergency eyewash stations and washing facilities available in work areas.

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Section 8 Exposure Controls/Personal Protection
8.3 Personal protective equipment

Eye/Face: Wear safety glasses equipped with side shields, or safety goggles.

Hands/Skin: Wear thermally resistant gloves and long sleeves if handling molten product.

Prevent skin contact, wear appropriate protective gloves and long sleeves and/or coveralls.

Respiratory: The need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

General Hygienic Practices: 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
9.1 Information on physical and chemical properties

Physical State:	Thermoset gel
Color:	Pink or clear
Odor:	Mild
Odor Threshold:	No data available
pH:	Neutral
Melting Point:	Not applicable
Boiling Point:	No data available
Decomposition Temperature:	No data available
Flash Point:	>300°F (>149°C)
Flammability:	No data available
Lower Explosion Limit:	No data available
Upper Explosion Limit:	No data available
Vapor Density:	No data available
Specific Gravity:	No data available
Water Solubility:	No data available
Partition Coefficient: n-octanol/water:	No data available
Autoignition Temperature:	No data available
Viscosity:	Not applicable
Explosive Properties:	Not explosive
Oxidizing Properties:	Not an oxidizer

Section 10 Stability and Reactivity

10.1 Reactivity: No dangerous reaction known under conditions of normal use.

10.2 Chemical stability: Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions: None under normal processing conditions.

10.4 Conditions to avoid: Avoid excess heat.

10.5 Incompatible materials: Strong oxidizing agents.

10.6 Hazardous decomposition products: In the case of fire hazardous decomposition products may be produced: carbon monoxide, carbon dioxide, nitrogen oxides, irritating smoke.

Section 11 Toxicological Information
11.1 Information on toxicological effects

Acute toxicity

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Section 11 Toxicological Information

Components	CAS Number	LD50 Oral	LD50 Dermal	LC50 Inhalation
Glycerin	56-81-5	27,200 mg/kg (Rat, female)	45 mL/kg (Guinea pig)	Not available
Potassium sorbate	24634-61-5	3,200 mg/kg (Rat)	Not available	Not available
Disodium tetraborate decahydrate	1303-96-4	>2,500 mg/kg (Rat, male)	>2,000 mg/kg (Rabbit)	>2.12 mg/l 4 hr. - dust/mist (Rat)

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Likely to cause eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

Sensitizing effects: Based on available data, the classification criteria are not met.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: May damage the unborn child. May damage fertility.

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

Section 12 Ecological Information

12.1 Toxicity	No data available
12.2 Persistence and degradability	No data available
12.3 Bioaccumulative potential	No data available
12.4 Mobility in soil	No data available
12.5 Results of PBT & vPvB assessment	No data available

Section 13 Disposal Considerations

13.1 Disposal: Follow applicable Federal, State, and local regulations.

Section 14 Transport Information

14.1 DOT/IATA/IMDG: Not regulated as a dangerous good

Section 15 Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the product

Inventories: This product complies with the following inventories: Canada DSL/NDSL, USA TSCA

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) SARA Section 302 Extremely Hazardous Substances Threshold Planning

Quantity: This material does not contain any components with a section 302 EHS TPQ.

SARA Section 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Proposition 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. For more information, visit www.P65Warnings.ca.gov.

REACH Regulation Article 59(10): Candidate List of substances of very high concern for Authorisation:

Disodium tetraborate, anhydrous (CAS 1303-96-4) Toxic for reproduction (Article 57c)

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Section 16 Other Information

16.1 Disclaimer

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Date of issue: September 2, 2025

Date of previous revision: N/A

Current revision date: September 2, 2025