



Section 1 Identification

Product identifiers

Product name: Blue Machinable Wax

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

Identified uses: Machinable wax

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	0
F	1
R	0
PPE Sec. 8	

24 Hour emergency telephone number: CHEMTREC (800) 424-9300

Section 2 Hazards Identification

Classification of the substance or mixture

Not a hazardous substance or mixture.

GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

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

None

Section 3 Composition/Information on Ingredients

Mixture

Proprietary mixture of waxes, resins, and oil soluble dyes.
 No ingredients are hazardous according to OSHA criteria.
 No components need to be disclosed as per 29CFR Part 1910.1200.

Section 4 First Aid Measures

Description of first aid measures

If inhaled

Move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

Indication of any immediate medical attention and special treatment needed

No data available.

Section 5 Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture

Nature of decomposition products not known.

Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

No data available.

Section 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing vapors, mist or gas.

For personal protection see section 8.

Environmental precautions

Do not let product enter drains.

Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7 Handling and Storage

Precautions for safe handling

Use normal precautions when handling hot molten liquid solutions. Do not breathe fumes or vapor from heated material. Do not allow hot material to contact skin. 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. This material can catch fire if overheated. Do not heat this material above the flash point. Keep away from flame and open electrical coils. No chemical incompatibilities.

Section 8 Exposure Controls/Personal Protection

Control parameters

Components with workplace control parameters

Wax Fume ACGIH STEL: 2 mg/m³ NIOSH TWA: 2 mg/m³

Exposure controls

Appropriate engineering controls

Good general ventilation should be used. If applicable, use local exhaust ventilation or other engineering controls to maintain airborne levels of dust (solid product), fume or vapor (molten product) below recommended exposure limits.

Personal protective equipment

Eye/face protection

Use a full-face shield and safety glasses if handling heated material. With product at ambient temperatures, use safety glasses equipped with side shields.

Section 8 Exposure Controls/Personal Protection continued

Skin protection

Hand Protection

When handling product at elevated temperatures, use heat-resistant gloves. With product at ambient temperatures, use disposable gloves with repeated or prolonged use.

Body Protection

Prevent skin contact when handling heated material. Use insulated, heat resistant clothing.

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, vapor or mist. 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	Blue solid
Odor	None to slight petroleum
Odor threshold	No data available
pH	No data available
Melting point	No data available
VOC Content	0
Initial boiling point	No data available
Flash point (COC)	465°F (240°C)
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)	0.9 ±0.05
Water solubility	Insoluble
Coefficient: n-octanol/ water	No data available
Auto-ignition temperature	No data available
Viscosity	Solid at room temperature
Explosive properties	None
Oxidizing properties	None
% Volatile	0

Section 10 Stability and Reactivity

Reactivity

None known

Chemical stability

Stable as supplied under recommended storage conditions

Possibility of hazardous reactions

None known

Conditions to avoid

The product is organic, however, and will be subject to surface oxidation. Avoid holding the product in the molten state when not in use. Excessive thermal exposure will degrade the product.

Incompatible materials

Strong oxidizing agents

Hazardous decomposition products

Thermal oxidative decomposition can produce carbon dioxide, carbon monoxide

Section 11 Toxicological Information

Information on toxicological effects

Acute toxicity

No data available

Inhalation

Wax fumes have been reported to be irritating to the respiratory tract, especially to sensitized persons.

Dermal

Molten product will cause thermal burns on contact

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

Molten product will cause thermal burns on contact

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.

Reproductive toxicity

No data available

STOT - single exposure

No data available

STOT - repeated exposure

No data available

Aspiration hazard

No data available

Section 12 Ecological Information

Toxicity

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

Disposal

Use safety containers for disposal. Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.

Section 14 Transport Information

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

Section 15 Regulatory Information

US Federal Regulations

EPCRA Section 302: This material contains no extremely hazardous substances.
SARA 311/312 Codes: No hazard categories identified
SARA 313: No components were identified
TSCA Inventory Status: All components of this product are listed or exempted from listing on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

US State Regulations

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.

Section 16 Other Information

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