

Material Safety Data Sheet

FREEMAN MACHINABLE WAX

QUICK IDENTIFIER

Common Name: (Used on label and list)

HMS*

May be used to comply with OSHA's Hazard Communication Standard, 29CFR 1910.1200. Standard must be consulted for specific requirements.

SECTION 1 -

Manufacturer's Name: **FREEMAN MANUFACTURING & SUPPLY COMPANY**

Address: **1101 MOORE ROAD**

City, State, ZIP: **AVON, OHIO 44011**

Signature of Person Responsible for Preparation (Optional)

FOR CHEMICAL EMERGENCY
 SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT
 CALL CHEMTREC - DAY OR NIGHT
800-424-9300
MCASR Printed by LABELMASTER, CHICAGO, IL 60646

Emergency Telephone No. **440-934-1902**

Other Information Calls: **SAME AS ABOVE**

Date Prepared: **JANUARY 11, 2001**

H HEALTH	0
F FLAMMABILITY	1
R REACTIVITY	0
PERSONAL PROTECTION	C

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SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))	% (optional)	OSHA PEL	ACGIH TLV	Other Exposure Limits	CAS NO.
NONE			NON-TOXIC		

SARA TITLE III STATUS:

Section 311/312 - Hazard Categories: This product is not hazardous.

Section 313 - Toxic Chemicals: This product does not contain toxic chemicals of Section 313, SARA TITLE III.

Within the definition of hazardous materials according to OSHA STANDARD 29CFR 1910.1200 (c), this product is not hazardous.

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	> 450°F	Specific Gravity (H ₂ O = 1)	0.92	Vapor Pressure (mm Hg)	N/A
		Vapor Density (Air = 1)	N/A		
Solubility in Water	Insoluble	Reactivity in Water	None		
Appearance and Odor	Solid material, blue in color, faint odor.	Melting Point	Softening Point by Ring & Ball Apparatus ASTM E28-58T: 225°F		

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	575°F	Method Used	COC	Flammable Limits in Air % by Volume	LEL Lower	N/A	UEL Upper	N/A
Auto-Ignition Temperature	N/A	Extinguisher Media	CO ₂ , foam, or dry chemical.					
Special Fire Fighting Procedures	Burns exuding dense smoke. Self-contained breathing apparatus and protective clothing should be worn when fighting fires.							
Unusual Fire and Explosion Hazards	None							

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability Unstable Conditions to Avoid Stable Heat and open flames

Incompatibility (Materials to Avoid) N/A

Hazardous Decomposition Products CO, CO₂

Hazardous Polymerization May Occur Will Not Occur Conditions to Avoid Heat and open flames

SECTION 6 - HEALTH HAZARDS

1. Acute (Immediate) **See Signs and Symptoms of Exposure** 2. Chronic (Delayed Effect) **None**

Signs and Symptoms of Exposure **INHALATION: None expected. EYES: Any material gotten into eyes may be irritating. SKIN: Molten material will produce thermal burns.**

Medical Conditions Generally Aggravated by Exposure **None**

Chemical Listed as Carcinogen or Potential Carcinogen **N/A** National Toxicology Program Yes No I.A.R.C. Monographs Yes No OSHA Yes No

Emergency and First Aid Procedures **EYES: Any material gotten into the eyes should be washed out and medical attention obtained if symptoms are present after washing. SKIN: If burned by contact with hot melted material, see a doctor for extensive burns. DO NOT try to peel the solidified material from the skin or use solvents or thinners to dissolve it. The use of vegetable oil or mineral oil is recommended for removal of this material from the skin.**

ROUTES OF ENTRY

- 2. Eyes - See Signs and Symptoms of Exposure, Emergency and First Aid.
- 3. Skin - See Signs and Symptoms of Exposure, Emergency and First Aid.
- 4. Ingestion N/A

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage **Store away from open flames and sources of heat.**

Other Precautions **Normal equipment for handling hot molten materials.**

Steps to be Taken in Case Material is Released or Spilled **No special precautions necessary. If molten, allow to cool and scrape up.**

Waste Disposal Methods (Consult federal, state, and local regulations) **Burn in an approved incinerator or place in an approved landfill.**

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type) **Not normally required**

Ventilation Local Exhaust **Not normally required** Mechanical (General) **Adequate** Special **None** Other **None**

Protective Gloves **Heavy cotton type gloves when handling hot product.** Eye Protection **Safety glasses should be worn in any type of industrial operations.**

Other Protective Clothing or Equipment **Normal equipment for handling hot molten materials.**

Work/Hygienic Practices **Maintain a clean work environment.**

IMPORTANT

Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate.
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