

# Material Safety Data Sheet

## Freeman Latex Disc Cement

Date of Preparation: January 31, 2011

### Section 1 Chemical Product and Company Identification

**Product/Chemical Name:** Freeman Latex Disc Cement  
**Chemical Family:** Latex Emulsion  
**CAS Number:** N/A  
**Other Designations:** N/A  
**General Use:** N/A  
**Manufacturer:** Freeman Manufacturing and Supply Company, 1101 Moore Road, Avon, OH 44011  
Phone (440) 934-1902, FAX (440) 934-7200, Hours of Operation 8-5,  
Emergency phone number 1-800-424-9300

HMIS	
<b>H</b>	1
<b>F</b>	0
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<b>PPE</b> Sec.8.	

### Section 2 Composition/Information on Ingredients

Ingredient Name	CAS Number	% wt or % vol
Ammonium Hydroxide	7664-41-7	<0.1%

Ingredient	OSHA PEL		ACGIH TLV	
	TWA	STEL	TWA	STEL
Ammonium Hydroxide	50 ppm	Not Estab.	25 ppm	Not Estab.

### Section 3 Hazards Identification

#### ☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

Irritant, Possible Sensitizer.

#### Potential Health Effects

**Primary Entry Routes:** Eye and Skin.

##### Acute Effects

**Inhalation:** Can cause minor respiratory irritation.

**Eye:** No irritation hazard in normal industrial use.

**Skin:** No irritation hazard in normal industrial use.

**Ingestion:** Not an anticipated route of exposure.

**Carcinogenicity:** IARC, NTP, and OSHA do not list any component as carcinogenic.

**Medical Conditions Aggravated by Long-Term Exposure:** No known effects on other illnesses.

**Long Term (Chronic) Health Effects:** Target organs: No organs known to be damaged from exposure to this product.

### Section 4 First Aid Measures

**Inhalation:** Remove to fresh air. If breathing is difficult, give oxygen and/or artificial respiration.

**Eye Contact:** Flush with plenty of water for 15 minutes and get medical attention.

**Skin Contact:** Wash thoroughly with soap and water. Remove contaminated clothing and launder before reuse.

**Ingestion:** Do not induce vomiting. Keep at rest. Get medical attention.

## Freeman Latex Disc Cement

### Section 5 Fire Fighting Measures

**Flash Point:** Non-flammable in liquid state

**Flash Point Method:** N/A

**LEL:** N/A

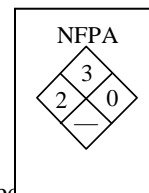
**UEL:** N/A

**Extinguishing Media:** Foam, water fog, CO<sub>2</sub>, or dry chemical on dried product

**Fire-Fighting Equipment:** Use self-contained breathing apparatus.

**Fire and Explosion Hazards:** There is the possibility of pressure build up in closed containers when heated. Water spray may be used to cool the containers.

**Hazardous Combustion Products:** Carbon dioxide, Carbon monoxide



### Section 6 Accidental Release Measures

**Spill /Leak Procedures:** Stop spill at source. Dike area and contain. Clean up remainder with absorbent materials such as sand or vermiculite. Mop up and dispose of.

### Section 7 Handling and Storage

**Handling & Storage:** Use with adequate ventilation. Avoid prolonged breathing of vapor. Avoid prolonged or repeated contact with skin. Wear safety goggles or face shield. Wear gloves, apron and footwear impervious to this material. Wash clothing before reuse. Store at ambient temperatures. Keep container tightly closed and upright when not in use to prevent leakage.

**Shelf Life:** one year from date of shipment

### Section 8 Exposure Controls/Personal Protection

**Ventilation:** Local exhaust recommended. General mechanical is acceptable. Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2).

**Respiratory Protection:** Use a NIOSH approved respirator when vapor/mist exposure is likely.

**Eye Protection:** Wear splash-proof chemical goggles.

**Skin Protection:** Wear impermeable gloves.

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

**Comments:** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

### Section 9 Physical and Chemical Properties

**Appearance and Odor:** Creamy colored liquid, ammonia odor

**Odor Threshold:** Not established

**Vapor Pressure:** Not established

**Vapor Density (Air=1):** Not established

**Specific Gravity (H<sub>2</sub>O=1, at 4 °C):** 0.94

**%Solids by Weight:** 59.5 - 61.5

**Boiling Point:** 212°F

**Freezing/Melting Point:** N/A

**Evaporation Rate:** Not established

**pH:** 9.7 - 10.3

## Freeman Latex Disc Cement

### Section 10 Stability and Reactivity

**Stability:** Stable.

**Polymerization:** Hazardous polymerization will not occur.

**Chemical Incompatibilities:** None established

**Hazardous Decomposition Products:** Carbon dioxide and carbon monoxide.

### Section 11 Toxicological Information

**Acute Inhalation Exposure Effects:** Respiratory irritant.

**Skin Irritation:** Irritant.

**Eye Irritation:** Irritant,

### Section 12 Ecological Information

No Known evidence of adverse effects from available information

### 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 Transportation Data (49 CFR 172.101):

**Shipping Name** Not Regulated

### Section 15 Regulatory Information

#### US Federal Regulations:

OSHA (Occupational Safety and Health Act): This Material Safety Data Sheet has been prepared in compliance with the federal OSHA Hazard Communication Standard 29 CFR 1910.1200. This product is considered to be a hazardous chemical under that standard.

RCRA (Resource Conservation and Recovery Act): Not a hazardous waste under RCRA (40 CFR 261).

SARA 311/312 Codes:.

SARA Toxic Chemical (40 CFR 372.65): This product contains the following toxic chemical subject to the reporting requirements of Section 313 of SARA Title III of 1986 and of 40 CFR 372

Ammonium Hydroxide	CAS #7664-41-7	0.09%
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TSCA Inventory Status:

All ingredients listed on TSCA inventory requirements.

Canadian CEPA DSL:

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

**State Regulations:** California Proposition 65 - May contain trace amounts of Formaldehyde (CAS # 50-00-0 ) and Sodium o-phenyl phenate (CAS #132-27-4) which are listed on the California Proposition 65 list as causing cancer.

## Freeman Latex Disc Cement

### Section 16 Other Information

**Disclaimer:** The following supersedes Buyer's documents. SELLER MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. No statements herein are to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence, breach of warranty, strict of liability arising in connection with the product(s). Buyer's sole remedy and Seller's sole liability for any claims shall be Buyer's purchase price. Data and results are based on controlled lab work and must be confirmed by Buyer by testing for its intended conditions of use. The product(s) has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses for which implantation within the human body is intended.