

# Material Safety Data Sheet

## Freeman White Cold Glue- Medium Viscosity (Regular)

Date of Preparation: January 3, 2007

Revision:

### Section 1 - Chemical Product and Company Identification

**Product/Chemical Name:** Freeman White Cold Glue- Medium Viscosity (Regular)

**Chemical Family:** Vinyl Acetate Polymer

**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 800-424-9300.

**HMIS**

**H** 1

**F** 0

**R** 0

**PPE**<sup>†</sup>

<sup>†</sup>Sec. 8

#### ☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

Irritant

### Section 2 - Composition / Information on Ingredients

Proprietary Mixture

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

### Section 3 - Physical and Chemical Properties

**Appearance and Odor:** White opaque liquid, with slight acetic odor

**Specific Gravity (H<sub>2</sub>O=1, at 4 °C):** 1.09

**pH:** 4.5 (pH lowers during storage)

**Boiling Point:** 100°C (212°F)

**Water Solubility:** Dispersible

**% Volatile:** 44 %

**Evaporation Rate:** Slower than n-butyl acetate

### Section 4 - Fire-Fighting Measures

**Flash Point:** Aqueous system - > 200°F

**LEL:** N/A

**UEL:** N/A

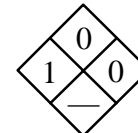
**Flammability Class (OSHA):** IIIB

**Extinguishing Media:** For fires involving dried material use water, carbon dioxide, dry chemicals, or foam.

**Hazardous Combustion Products:** Various oxides of carbon, organic compounds, and water may be released during combustion.

**Fire-Fighting Procedures:** Wear a NIOSH approved self contained breathing apparatus. Wear appropriate personal protective equipment.

NFPA



### Section 5 - Stability and Reactivity

**Stability:** Stable.

**Hazardous Polymerization:** Will not occur.

### Section 6 - Health Hazard Information

Potential Health Effects

**Primary Routes of Entry:** Inhalation, ingestion, eye.

**Target Organs:** Eyes and skin.

**Acute Effects**

**Inhalation:** Vapors and/or aerosols which may be formed at elevated temperature may be irritating to eyes and respiratory tract.

**Eye:** Substance may cause moderate eye irritation.

**Skin:** Prolonged or repeated skin contact can cause irritation.

**Ingestion:** No hazard expected in normal industrial use. Ingestion is not a likely route of exposure.

**Medical Conditions Aggravated by Exposure:** Pre-existing skin conditions.

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

**Reproductive Toxicity:** None anticipated based on product formula.

---

### Emergency and First Aid Procedures

**Inhalation:** Remove to fresh air. If difficulty persists, seek medical attention.

**Eye Contact:** Immediately flush eyes with large quantities of water for at least 15 minutes while holding the eyelids open. Call a physician immediately.

**Skin Contact:** Immediately remove contaminated clothing and flush area with large quantities of water for at least 15 minutes. Contact a physician if irritation develops.

**Ingestion:** Call poison control center immediately. Follow their specific instructions. Do not induce vomiting.

### Section 7 - Spill, Leak, and Disposal Procedures

**Spill /Leak Procedures:** Evacuate area of nonessential personnel. Ventilate area. Use protective equipment and respiratory protection stated in Section 8. Contain liquid spills using a barrier of inert material such as sand or by diking the area. Absorb spilled liquids using an inert material. Scoop or shovel absorbed material into containers. Prevent spilled product or contaminated wash water from entering drinking water supplies or streams.

---

**Regulatory Information:**

TSCA Inventory Status: All ingredients listed on TSCA Inventory except as exempted.

### Section 8 - Exposure Controls / Personal Protection

**Ventilation:** If necessary to control exposures, local exhaust ventilation is recommended.

**Protective Equipment:** Goggles and impervious gloves.

**Respiratory Protection:** Respiratory protection is not expected to be necessary under normal use. Follow requirements for respiratory protection in OSHA 1910.134.

**Eye Protection:** Chemical splash goggles (ANSI Z87.1 or approved equivalent).

**Skin Protection:** Where skin contact can occur, wear impervious gloves.

**Revision:**

**Freeman White Cold Glue- Medium Viscosity (Regular)**

**Section 9 - Special Precautions and Comments**

**Handling Precautions:** Avoid prolonged or repeated contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of the material to prevent seepage into natural bodies of water.

**Storage Requirements:** Store in cool, dry, and well ventilated area. Keep containers closed. Do not enter storage area unless area is adequately ventilated. To protect product quality, avoid storage temperatures less than 50 or greater than 90 degrees F.

**DOT Transportation Data (49 CFR 172.101):**

**Shipping Name:** None

**Shipping Symbols:**

**Hazard Class:** Non Hazardous

**ID No.:**

**Packing Group:** N/A

**Label:** Non Hazardous

**Special Provisions (172.102):**

---

**Packaging Authorizations**

**a) Exceptions:**

**b) Non-bulk Packaging:**

**c) Bulk Packaging:**

**Quantity Limitations**

**a) Passenger, Aircraft, or Railcar:**

**b) Cargo Aircraft Only:**

**Vessel Stowage Requirements**

**a) Vessel Stowage:**

**b) Other:**

**Prepared By:**

**Revision Notes:**

**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.