



SAFETY DATA SHEET
5221 103 Glue Sticks

1. Product And Company Identification

Product Name: 5221 Hot Melt Products (Containing Mineral Oil)
Product Number: 5221 103

Responsible Party: Chicago Glue & Machine Co.
750 Baker Drive
Itasca, IL 06143

Emergency Phone Number: Phone: (630) 250-0700
Fax: (630) 285-0949
Toll Free: (800)-419-GLUE (4583)

Date of Preparation: May 4, 2021
Product Use: Glue for industrial/commercial use.

2. Hazards Identification

GHS Classification:

Health	Physical
Not Hazardous	Not Hazardous

GHS Label Elements: None

Hazards not otherwise specified: Molten adhesive may cause severe burns.

3. Composition/Information on Ingredients

Component	CAS No.	Amount
Non-hazardous Polymers	Mixture	0-100%
White mineral oil (petroleum)	8042-47-5	1-5%

The exact concentrations are a trade secret.

4. First Aid Measures

Inhalation: None expected for solid material at ambient temperature. Molten Product: Remove to fresh air. If irritation or pulmonary symptoms develop, consult a physician.

Skin Contact: None expected for solid material at ambient temperature. Molten Product: Immediately cool with water. Do not remove solidified adhesive. No attempt should be made to remove material from skin or to remove contaminated clothing. Cover affected areas with cleans sheeting or gauze. Get immediate medical attention.

Eye Contact: None expected for solid material at ambient temperature. Molten Product: Immediately cool with plenty of water. Do not remove adhesive. Get immediate medical attention.

Ingestion: Not expected to be hazardous. Get medical attention if symptoms developed.

Most Important Symptoms: Contact with molten material may cause severe burns. Inhalation of vapors from molten material may cause minor respiratory irritation.

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Indication of Immediate Medical Attention/Special Treatment: Contact with molten material may cause severe burns, otherwise immediate medical treatment should not be required.

5. Firefighting Measures

Suitable (and Unsuitable) Extinguishing Media: Use water spray, alcohol resistant foam, dry chemical, or carbon dioxide. Do not use direct water jet as it may spread burning material.

Specific Hazards Arising From the Chemical: Not classified as flammable or combustible but will burn under fire conditions. Burning may release oxides of carbon and unknown materials.

Special Fire Fighting Procedures: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.

6: Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures: Avoid contact with molten material. Allow any molten material to solidify. Wear appropriate protective clothing and equipment as described in Section 8.

Environmental Precautions: Report spill as required by local and national regulations.

Methods and Material for Containment and Cleaning Up: Allow any molten material to solidify. Scrape up, or pick up and place in appropriate container for disposal or reuse. Avoid generating airborne dust.

7. Handling and Storage

Precautions for Safe Handling: Avoid contact with molten material. Avoid inhalation of vapors from molten material. Use thermal protection when working with molten material.

Conditions for Safe Storage, Including Any Incompatibilities: Store in a cool, well-ventilated area away from strong oxidizers and other incompatible materials.

8. Exposure Controls / Personal Protection

Exposure Guidelines:

CHEMICAL	EXPOSURE LIMIT
Non-hazardous Polymers	None Established
White mineral oil (petroleum)	5 mg/m ³ TWA ACGIH TLV (inhalable fraction)

Appropriate Engineering Controls: General ventilation should be adequate for normal use.

Personal Protective Equipment

Respiratory Protection: Not required under normal use conditions. Not required under normal use conditions. For operations where exposure limits may be exceeded use a NIOSH approved respirator (mask). Select in accordance with OSHA 1910.134, and all other applicable regulations; and good Industrial Hygiene practice.

Gloves: Thermal protection as needed to prevent contact with molten material.

Eye Protection: As needed to prevent contact with molten material.

Other Protective Equipment/Clothing: Thermal protection as needed to prevent contact with molten material.

9. Physical and Chemical Properties

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Appearance and Odor: Translucent solid with characteristic odor.

Physical State: Solid	Odor Threshold: Not determined
pH: Not applicable	Specific Gravity: ~ 0.95
Initial Boiling Point/Range: Not determined	Vapor Pressure: Not applicable
Melting/Freezing Point: Not determined	Vapor Density: Not applicable
Solubility In Water: Insoluble	Percent Volatile: Not applicable
Viscosity: Not applicable	Evaporation Rate: Not applicable
Coefficient Of Water/Oil Distribution: Not determined	VOC Content: 0
Flash Point: Not applicable	Autoignition Temp: Not Determined
Decomposition Temperature: Not determined	Flammability (solid, gas): Not applicable
Flammability Limits: LEL: Not applicable	UEL: Not applicable

10. Stability and Reactivity

Reactivity: Not normally reactive.

Chemical Stability: Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions: None expected with normal use.

Conditions To Avoid: None known.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: May release oxides of carbon and unknown materials.

11. Toxicological Information

Inhalation: Vapors from molten material may cause mild irritation.

Skin Contact: No adverse effects expected from contact with product at room temperature. Hot adhesive will cause severe burns.

Eye Contact: No adverse effects expected from contact with product at room temperature. Hot adhesive will cause severe burns.

Ingestion: No adverse effects expected. This product is not acutely toxic by ingestion.

Chronic Hazards: None currently known.

Carcinogen: None of the components is listed as a carcinogen or potential carcinogen by IARC, NTP, or OSHA.

Germ Cell Mutagenicity: Not expected to cause germ cell mutagenicity.

Reproductive Toxicity: Not expected to damage fertility or the unborn child.

Acute Toxicity Values:

Product ATE

LD50 Oral >5,000 mg/kg

LD50 Dermal >2,000 mg/kg

12. Ecological Information

Ecotoxicity:

No data for product.

Persistence and Degradability:

No data for product.

Bio accumulative Potential:

No data for product.

Mobility in Soil:

No data for product.

Other Adverse Effects: No data available

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13. Disposal Considerations

Dispose of in accordance with all local, state/provincial and federal regulations.

14. Transport Information

DOT Hazardous Materials Description:

Proper Shipping Name: Not Regulated

UN Number: None

Hazard Class/Packing Group: None

Labels Required: None

15. Regulatory Information

United States:

CERCLA Section 103: This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA Hazard Category (311/312): See OSHA Hazard Classification in Section 2.

SARA 313: This product contains the following chemicals subject to Annual Release Reporting Requirements under SARA Title III, Section 313 (40 CFR 372): None

EPA TSCA Inventory: All of the ingredients in this product are listed on the EPA TSCA Inventory.

California Proposition 65: This product does not contain substances known to the state of California to cause cancer and/or reproductive toxicity.

16. Other Information

Date of current revision: May 4, 2021
Revision summary: New SDS
Date of previous revision: N/A