

SAFETY DATA SHEET
Stick 1

1. Product And Company Identification

Product Name: Stick 1 (All sizes)
Product Number: Please add all the product numbers
Responsible Party: Chicago Glue & Machine Co.
750 Baker Drive
Itasca, IL 06143

Emergency Phone Number:

Date of Preparation: February 28, 2018
Product Use: Industrial hot melt glue sticks.

2. Hazards Identification

GHS Classification: Not Hazardous
GHS Label Elements: Not hazardous under US OSHA Hazcom 2012 (29 CFR 1910.1200)
Hazards not otherwise specified: Molten adhesive may cause severe burns.

3. Composition/Information on Ingredients

Component	CAS No.	Amount
Non-hazardous Copolymers	Mixture	70-100%

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.

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.

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.

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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: Protect containers from physical damage. Store in a cool, well-ventilated area away from strong oxidizers and other incompatible materials. Keep out of the reach of children.

8. Exposure Controls / Personal Protection

Exposure Guidelines:

CHEMICAL	EXPOSURE LIMIT
Non-hazardous Copolymers	None Established

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

Personal Protective Equipment

Respiratory Protection: Not required under normal use conditions. For operations where exposure limits may be excessive 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

Appearance and Odor: Clear to white solid with a mild, acrid, vinegar-like odor.

Physical State: Solid	Odor Threshold: Not determined
pH: Not applicable	Specific Gravity: 0.91 – 0.95
Initial Boiling Point/Range: Not determined	Vapor Pressure: Not applicable
Melting/Freezing Point: 140-176°F (60-80°C)	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: >572°F (>300°C)	Flammability (solid, gas): Not applicable
Flammability Limits: LEL: Not applicable	UEL: Not applicable

10. Stability and Reactivity

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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.

11. Toxicological Information

Acute Hazards:

Inhalation: Vapors 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 greater than 0.1% are listed as a carcinogen or potential carcinogen by IARC, NTP, or OSHA.

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

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:

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

SARA Hazard Category (311/312): Refer to Section 2 for OSHA Hazard Classification.

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

California Proposition 65: This product contains the following chemicals which are known to the State of California to cause cancer, reproductive toxicity or birth defects: None

International Chemical Inventories

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

Australian Inventory of Chemicals: All of the ingredients in this product are listed on the Australian Inventory.

Canadian CEPA: All of the ingredients in this product are listed on the Canadian DSL.

China Inventory: All of the ingredients in this product are listed on the Chinese IECSC inventory.

Korea Inventory: All of the ingredients in this product are listed on the Korean KECL inventory.

Japanese Inventory: All of the ingredients in this product are listed on the Japanese MITI inventory.

Philippine Inventory: All of the ingredients in this product are listed on the Philippine PICCS inventory.

16. Other Information

Date of current revision:	February 28, 2018
Revision summary:	New SDS
Date of previous revision:	N/A