

**MATERIAL SAFETY DATA SHEET**

**PRODUCT # HM-0104**

**SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Supplier name: American Chemical, Inc.  
Address: 2201 North 2nd Street  
Minneapolis, MN 55411  
Phone: (612) 522-4707

Product Name: 0104  
Wood Hot Melt Glue

HMIS Hazard: Health – 1 Flammability – 1 Reactivity – 0  
0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

Transportation Information: Proper Shipping Name – Not Regulated  
Hazard Class/Pkg Grp – None/None  
Identification Number – None  
Ref – Not Applicable  
Label – None Required

**SECTION 2 – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION**

Hazardous components: No hazardous materials present as defined in 29 CFR 1910.1000, 40 CFR 260 – 281, 302, 355, 370, 372 or WHMIS

CAS#	% (optional)	ACGIH TWA	ACGIH STEL	SARA	RQ
PPM	MG/M <sup>3</sup>	PPM	MG/M <sup>3</sup>	Title III	LBS

**SECTION 3 – HEALTH HAZARD DATA**

**ROUTES OF ENTRY – SIGNS AND SYMPTOMS OF EXPOSURE**

Inhalation: No effects expected from product in normal solid form. Breathing fumes or vapors of molten material may cause irritation of nose, throat and respiratory tract.

Skin: None expected from product in normal solid form. Thermal burns will result from contact with molten material.

Eyes: Contact with normal solid product may cause irritation. Contact with molten material will cause severe thermal burns to eyes.

Ingestion: Ingestion of solid material may cause gastric distress, stomach pains, vomiting and diarrhea. Contact with molten material will cause severe thermal burns to mouth and trachea.

**EMERGENCY AND FIRST AID PROCEDURES**

Inhalation: Remove affected person to fresh air; if symptoms persist seek medical attention.

Skin: For contact with molten material, carefully remove contaminated clothing, apply clean, cold water to affected area; do not attempt to remove solidified material; cover affected area with clean, wet compresses; seek immediate medical attention.

Eyes: In case of contact with molten material, flush eyes with clear, cool running water for 15 minutes while holding eyelids open; do not attempt to remove solidified material; seek immediate medical attention.

Ingestion: Give two glasses of water for dilution; DO NOT induce vomiting; seek medical attention.

Health Hazards (Acute and Chronic): Acute effects are possible irritation and discomfort; no known chronic effects have been established; Product in molten form is hot and will cause severe thermal burns to skin. Excessive exposure to vapors and fumes of molten material may result in respiratory

Carcinogenicity: sensitization, causing respiratory difficulties in certain individuals.  
NTP? – No IARC MONOGRAPHS? – No OSHA REGULATED? – No  
No additional information

Medical Conditions  
Generally Aggravated  
By Exposure:

Preexisting skin, eye, or respiratory disorders may become aggravated through prolonged exposure.

#### SECTION 4 -- FIRE FIGHTING MEASURES

Flash Point (Method Used): >450° F  
Flammable Limits: LEL – not applicable UEL – not applicable  
Extinguishing Media: Carbon dioxide, water fog, dry chemical, chemical foam. Do not use direct water stream on molten material to prevent splattering  
Special Fire Fighting Procedures: None  
Unusual fire and explosion hazards: None

#### SECTION 5 – ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is Released or Spilled: Solid material – Recover and segregate product for reuse or place product into approved container for landfill disposal. Molten material – allow molten material to cool and solidify, place material into approved container for landfill disposal. CAUTION – Molten material is hot and will cause thermal burns to skin.

#### SECTION 6 – HANDLING AND STORAGE

Precautions to be taken in handling and storage: Keep container closed when not in use; protect containers from abuse; store containers in cool, dry area. Keep this and other chemicals out of reach of children.

#### SECTION 7 – EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respiratory Protection (Specify type): NIOSH approved respirator designed to remove airborne particulate present in excess of maximum allowable concentrations due to operations such as mixing, spraying, sanding, buffing, etc. Refer to 29 CFR 1910.134 for regulations.  
Ventilation: Local Exhaust – Recommended  
Mechanical (general) – Yes  
Special – None  
Other – None  
Protective Gloves: Heat resistant gloves  
Eye Protection: Safety goggles with side shields  
Other Protective Clothing or Equipment: Safety Eyebath nearby  
Work/Hygienic Practices: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

#### SECTION 8 – PHYSICAL/ CHEMICAL PROPERTIES

Boiling Point: Not applicable  
Specific Gravity (Water=1): 0.918  
Vapor Pressure (MM Hg): Not applicable  
pH: Not applicable  
Vapor Density (Air=1): Not applicable  
Evaporation Rate (Water=1): Not applicable  
Solubility in Water: Negligible  
% Volatile (By Weight): None  
Appearance and Odor: Clear to opaque white to light amber solid, odorless  
Softening Point: 176° F

#### SECTION 9 - STABILITY AND REACTIVITY

Stability: Unstable  
Stable – xxx  
Conditions to Avoid: Extreme temperatures, store in cool dry area  
Incompatibility (materials to avoid): None  
Hazardous Decomposition

or By Products: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.

Hazardous Polymerization: May occur  
Will not occur: xxx

Conditions to avoid: None

SECTION 10 – DISPOSAL CONSIDERATIONS
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Waste disposal method: Dispose of in landfill in accordance with local, state, and federal regulations. Products classified as non-hazardous may become hazardous waste upon contact with other products. Refer to "40 CFR Protection of Environment Parts 260 – 299" for complete waste disposal regulations. Consult your local, state, or Federal Environmental Protection Agency before disposing of any chemicals.

7/2008