

MATERIAL SAFETY DATA SHEET

Product #0109

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: 0109
High Strength 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 ³	PPM MG/M ³	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 sensitization, causing respiratory difficulties in certain individuals.

Carcinogenicity: 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:
Work/Hygienic Practices: Safety Eyebath nearby
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. Incase of a fire, oxides of

Hazardous Polymerization:	carbon, hydrocarbons, fumes, and smoke may be produced. May occur Will not occur: xxx
Conditions to avoid:	None

SECTION 10 – DISPOSAL CONSIDERATIONS

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.
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7/2008