

MATERIAL SAFETY DATA SHEET

PRODUCT # **0101**

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: AC-0101
Chemical Name: Hot Melt Adhesive

SECTION 2 – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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

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: No additional information
NTP: No
IARC Monographs: No
OSHA Regulated: No
Medical Conditions General
Aggravated by Exposure: Preexisting skin, eye, or respiratory disorders may become aggravated through prolonged exposure.

SECTION 4 -FIRE FIGHTING MEASURES

Flash Point:	>450°F
Flammable Limits	
LEL:	Not applicable
UEL:	Not applicable
Extinguishing Media:	Carbon dioxide, water fog, dry 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.
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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
Vapor Pressure (MM Hg):	Not applicable
Vapor Density (Air=1):	Not applicable
Solubility in Water:	Negligible
Appearance and Odor:	0.960
pH:	Not applicable
%Volatile (By Weight):	None
Softening Point:	176

SECTION 9 – STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	Extreme temperatures, store in cool dry area
Incompatibility (Materials to Avoid):	None
Hazardous Decomposition Or Byproducts:	Decomposition will not occur if handled and stored properly. In case of a fire, oxides

Hazardous Polymerization:
Conditions to Avoid:

of carbon, hydrocarbons, fumes, and smoke may be produced
Will not occur
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 you local, state, or federal Environmental Protection Agency before disposing of any chemicals.

7/2008