

# M-705

## HOT MELT ADHESIVE

### Description

M-705 is an elastometric hot melt with very low peel values formulated to be used as a "release type" hot melt adhesive.

### Typical Properties

TYPE:	Modified synthetic polymer
VISCOSITY:	950 cps @ 350°F
APPLICATION TEMPERATURE:	325 - 350°F
SPEED OF SET:	Pressure sensitive
COLOR:	Off-white to water white
SHELF LIFE:	One year
FDA STATUS:	This product complies with the following FDA regulations: Section 175.105 Adhesives Section 176.170 Components of the food-contact surface of paper and paperboard in contact with aqueous and fatty foods. Section 176.180 Components of paper and paperboard in contact with dry foods

Our personnel are available to help purchasers obtain best results from our products, and recommendations are based on tests and information believed to be reliable. However, since we have no control over the conditions under which our products are transported to, stored, handled, or used by purchasers, all recommendations and sales are made on condition that we will not be held liable for any damages resulting from their use. No representative of ours has any authority to waive or change this provision.  
Rev: 1/13/10 dmc

## PRODUCT IDENTIFICATION

PRODUCT: M-705 HOT MELT ADHESIVE

Prepared By: Safety Dept.

Date Prepared: 6/17/09

Replaces Sheet Dated: 1/16/07

### SECTION 2: HAZARDOUS INGREDIENTS IDENTITY

HAZARDOUS COMPONENT(S):	OSHA PEL	ACGIH TLV	OTHER LIMITS	CAS NO.
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Section 313: This product does not contain regulated levels of any toxic chemical subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR part 372.

### SECTION 3: PHYSICAL AND CHEMICAL CHARACTERISTICS

- 1) Boiling Point: N/A
- 2) Specific Gravity: Approx. 0.9 at 25°C
- 3) Vapor Pressure: N/A
- 4) Vapor Density: N/A
- 5) Solubility in Water: Negligible
- 6) Reactivity with Water: N/A
- 7) Appearance and Odor: Light amber in color. Slight resinous odor.
- 8) Melting Point: N/A

### SECTION 4: FIRE AND EXPLOSION DATA

- 1) Flash Point: Greater than 400°F
  - 2) Method Used: SETA
  - 3) Auto Ignition Temp: N/A
  - 4) Extinguisher media: Dry chemical, CO<sub>2</sub>, chemical foam
  - 5) Flammable Limits / % Volume in Air: N/A  
Lower: Upper:
  - 6) Special Fire Fighting Procedures: Self-contained apparatus and protective clothing should be worn in fighting fires involving chemicals
  - 7) Unusual Fire and Explosion Hazards: None Known
- N/A = NOT APPLICABLE

**SECTION 5: PHYSICAL/CHEMICAL HAZARDS (REACTIVITY DATA)**

- 1) Stability: Stable:  Unstable:
- 2) Conditions to Avoid: N/A
- 3) Incompatibility (Materials to Avoid): Oxidizing materials can cause a reaction
- 4) Hazardous Decomposition Products: As with any other organic material, combustion will produce carbon dioxide and probably carbon monoxide.
- 5) Hazardous Polymerization: May occur  Will not occur

**SECTION 6: HEALTH HAZARDS**

- 1) If burned by contact with molten material, cool as quickly as possible with water and see a physician for removal of adhering material and treatment of burn.
- 2) Signs and Symptoms of Exposure: If heated to decomposition, fumes generated may result in irritation of nose, eyes, throat and respiratory tract.
- 3) Chemicals Listed as Carcinogen or Potential Carcinogen:  
National Toxicology Program: Yes  No   
I.A.R.C. Monographs: Yes  No  OSHA: Yes  No

**SECTION 7: EMERGENCY AND FIRST AID PROCEDURES:**

If Symptoms of Overexposure Develop, Always Seek Immediate Medical Attention.

**ROUTES OF ENTRY:**

NOTE: MOLTEN MATERIAL MAY CAUSE THERMAL BURNS.

- 1) Inhalation(Breathing): Remove subject to fresh air
- 2) Eye Contact: Flush with plenty of water for at least 15 minutes
- 3) Skin Contact: Wash exposed area with soap and water. Launder contaminated clothing before reuse.
- 4) Ingestion (Swallowing): Induce vomiting. No adverse health effects are anticipated. Consult a physician.

**SECTION 8: SPECIAL PRECAUTIONS AND SPILL / LEAK PROCEDURES:**

- 1) Precautions to be Taken in Handling and Storage: No special precautions are known.
  - 2) Other Precautions: Molten product may cause thermal burns. Vapors and fumes may cause eye, nose, throat and respiratory tract irritation.
  - 3) Steps to be Taken in Case Material is Released or Spilled: Collect and contain for salvage or disposal.
  - 4) Waste Disposal Methods (Always Consult Federal, State, Regional, and Local Regulations Pertaining to This Material Before Using Any Method Suggested Here): Incineration
  - 5) Consult Local Waste Disposal Professionals.
- N/A - NOT APPLICABLE

**SECTION 9: SPECIAL PROTECTION INFORMATION / CONTROL MEASURES**

**General: Always Use Protective Equipment / Clothing as Necessary  
to Keep Exposure to This Material Below Applicable Exposure  
Limits.**

- 1) Respiratory Protection (Specify Type): None should be needed
- 2) Ventilation:
- 3) Local: Exhaust as needed to control fumes.
- 4) Mechanical(General): Recommended      Special: None known  
Other: None known
- 5) Protective Gloves: Should be worn to protect against thermal burns
- 6) Eye Protection: Glasses should be worn in any type of industrial operation.
- 7) Other Protective Clothing or Equipment: Safety shower and eye bath in work area.
- 8) Work / Hygienic Practices: Wash exposed areas with soap and water.