



Special Effects Equipment & Supplies

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For Chemical Emergency call Infotrac @ 1-800-535-5053

Material Safety Data Sheet

Section 1 - Product Identification

Product Name:	Hot Glue
Chemical Name:	Ethylene-vinyl acetate polymer, hydrocarbon resin, antioxidant, vinyl acetate.

Section 2 - Ingredients

<u>Chemical Name</u>	<u>CAS#</u>	<u>Percentage</u>
Ethylene - Vinyl Acetate Polymer	24937-78-8	60.0-70.0%
Hydrocarbon Resin	69430-35-9	30.0-40.0%
Antioxidant	6683-19-8	0.5-5.0%
Vinyl Acetate	108-05-4	<0.3%

Exposure Limits	Permissible Exposure Limit:	N/A
	Ceiling Limits:	N/A
	Short Term Exposure Limit:	N/A
	Can be absorbed through skin?:	No

Section 3 - Physical/Chemical Characteristics

Boiling Point	N/A	Solubility in Water	0%
Vapor Pressure (mm Hg)	N/A	Specific Gravity (H2O = 1)	0.97
Vapor Density (Air = 1)	N/A	Melting Point	N/A
Appearance and Odor / Odor threshold	Waxy solid, white opaque, solid adhesive in rods, odorless.		
	Molten state; pungent resinous odor.		
Evaporation Rate (Butyl Acetate = 1)	N/A	PH	N/A
Freezing Point	N/A		

Section 4 - Fire and Explosion Data

Lower Explosive/Flammability Limit	N/A	Flash Point	>450F
Upper Explosive/Flammability Limit	N/A	Autoignition Temperature	N/D
Extinguishing Media	Water spray, carbon dioxide, dry chemical, foam.		
Fire Fighting Measures	Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.		
Fire or Explosion Hazards	None		

Section 5 - Reactivity Data

Chemical Stability	Stable
Incompatibility	N/A
Hazardous Decomposition or Byproducts	Carbon monoxide and carbon dioxide toxic vapors, gases or particulates.
Hazardous Polymerization	Will not occur.

Section 6 - Health Hazard Data	
Routes of Entry	Eyes, skin, inhalation, and ingestion.
Health Hazards	Eye Contact: Vapors from heated material may cause eye irritation. Single exposure may cause mild eye irritation, signs/symptoms can include redness, swelling, pain, and tearing.
	Skin Contact: Skin burns (from contact with molten material): signs/symptoms may include burning pain, red and swollen skin, and blisters. Mild skin irritation: signs/symptoms can include redness, swelling, and itching.
	Inhalation: Irritation (upper respiratory): Signs/Symptoms can include soreness of the nose and throat, coughing and sneezing. Vapors of heated material may cause respiratory system irritation.
	Ingestion: Not a likely route of exposure to this product. Irritation of Gastrointestinal Tissues: Signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces.
	Other: Exposure to this material in normal storage and handling has not been reported to cause significant adverse health effects. However, under normal processing conditions, e.g. grinding or heating, this product may release fumes and vapors of variable composition based on specific process conditions. These process releases may produce irritation or any of the health effects listed above when the emissions are present at elevated concentrations. Use with appropriate local exhaust ventilation.
Carcinogenicity	None
Signs and Symptoms of Exposure	See Health Hazards
Medical conditions generally aggravated by exposure	N/A
Emergency and First Aid Procedures	Eyes: Immediately flush eyes with large amounts of water. Get immediate medical attention.
	Skin: Immediately flush affected area with large amounts of water and cover with a clean dressing. DO NOT ATTEMPT TO REMOVE ADHESIVE. Have burn treated by a physician.
	Inhalation: If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue, call a physician.
	Ingestion: Do not induce vomiting. Drink two glasses of water. Call a physician.

Section 7 - Precautions for Safe Handling and Use	
Spill or Release Data	Observe precautions from other sections. Collect spilled material.
Waste Disposal Method	Dispose of waste product in a sanitary landfill.
Handling and Storage	N/A
Other Precautions	N/A

Section 8 - Control Measures

Respiratory Protection	Avoid prolonged breathing of vapors.
Protective Gloves	Wear protective gloves, such as Nomex, when handling this material to prevent thermal burns.
Eye Protection	Avoid eye contact with vapor, spray or mist. Wear unvented goggles during operations in which exposure is likely.
Other Protective Equip.	N/A
Ventilation	Provide appropriate local exhaust for molten or extruded material. Use in a well-ventilated area.
Work/Hygienic Practices	Avoid skin contact with hot adhesive and applicator tip.

To the best of our knowledge, the information contained above is accurate. However, neither the above named supplier nor any of its subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained above.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described above, we cannot guarantee that these are the only hazards that exist.

Prepared: October 2006