

**Material Safety Data Sheet**

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

**U.S. Department of Labor**

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY (as Used on Label and List)  
BIND-FAST CLEAR  
HOT HELT ADHESIVE  
61-1100, 61-1025

UNLISTED INGREDIENTS ARE NOT HAZARDOUS PER THE OSHA STANDARD.

HMIS CODES: HEALTH: 0  
FLAMMABILITY: 0  
REACTIVITY: 0  
PROTECTION: B

**Section I**

Manufacturer's name STANDARD DUPLICATING	Emergency Telephone Number 508-470-1920
Address (Number, Street, City, State and ZIP Code)	Telephone Number for Information 508-470-1920
10 CONNECTOR ROAD, ANDOVER MA 01810	Date Prepared 5/93
	Signature of Preparer (optional) DAN DESMOND

**Section II—Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
NONE				

**Section III—Physical/Chemical Characteristics**

Boiling Point NO DATA	Specific Gravity (H <sub>2</sub> O = 1) 0.992@ 77F
Vapor Pressure (mm Hg)	Melting Point
Vapor Density (AIR = 1) HEAVIER THAN AIR	Evaporation Rate (Butyl Acetate = 1) SLOWER THAN n-BUTYL ACETATE
Solubility in Water NONE	
Appearance and Odor WATER WHITE COLORED SOILD WITH PRACTICALLY NO ODOR	

**Section IV—Fire and Explosion Hazard Data**

Flash Point (Method Used) NO DATA	Flammable Limits	LEL NO DATA	UEL NO DATA
Extinguishing Media FOAM, CO <sub>2</sub> , DRY CHEMICAL			
Special Fire Fighting Procedures THIS MATERIAL IS IN SOLID FORM AT ROOM TEMPATURE BUT IN FIRE CONDITIOND FUMES AND DECOMPOSITION WILL PRODUCE ACETIC ACID AND CARBON MONOXIDE. FULL PROTECTIVE CLOTHING AND BREATHING APPARTUS SHOULD BE WORN.			
Unusual Fire and Explosion Hazards COOLING WITH WATER WILL SOLIDIFY THIS MATERIAL VERY RAPIDLY. NO UNUSUAL FIRE AND EXPLOSION HAZARDS ARE KNOWN			

(Reproduce locally)

OSHA 174 Sept. 1985

**Section V—Reactivity Data**

Stability	Unstable		Conditions to Avoid NONE
	Stable X		

Incompatibility (Materials to Avoid) NONE

Hazardous Decomposition or Byproducts 450 DEGREES F OR ABOVE ARE TO BE AVOIDED AS SMALL AMOUNTS OF ACETIC ACID FUMES CAN BE GENERATED.

Hazardous Polymerization	May Occur		Conditions to Avoid NONE
	Will Not Occur X		

**Section VI—Health Hazard Data**

Route(s) of Entry	Inhalation? MAY CAUSE HEADACHES IF VENTILATION IS INSUFFICIENT	Skin? MOLTEN MATERIAL WILL CAUSE SKIN BURNS AS WOULD ANY OTHER MOLTEN THERMOPLASTIC MATERIAL	Ingestion? SHOULD THIS OCCUR, THE MOLTEN POLYMER WILL BURN THE INTERNAL ORGANS SEVERLY. SOILD MATERIAL SHOULD CAUSE NO DAMAGE AT ALL.

Health Hazards (Acute and Chronic) INHALATION: NOT POSSIBLE IF MATERIAL IS IN SOLID FORM. IF MOLTEN, OVEREXPOSER WILL CAUSE A HEADACHE. EYES: SOLID MATERIAL HAS NO EFFECT. MOLTEN MATERIAL CAN IRRATATE AND BURN IF IN DIRECT CONTACT. SKIN: SOLID MATERIAL HAS NO EFFECT. MOLTEN MATERIAL WILL BURN INTENSELY. IF PERSONAL CONTACT WITH MOLTEN MATERIAL PRODUCES A BURN, SEE A PHYSICIAN OR BURN CENTER IMMEDIATELY.

Carcinogenicity	NTP? NO	IARC Monographs? NO	OSHA Regulated? NO
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Signs and Symptoms of Exposure

Medical Conditions  
Generally Aggravated by Exposure HEADACHES

Emergency and First Aid Procedures INHALATION, REMOVE TO FRESH AIR. EYES: IF MOLTEN, RINSE WITH COLD WATER IMMEDIATELY AND SEE A PHYSICIAN IMMEDIATELY. SKIN: IMMEDIATELY SUBMURGE BURNED SKIN AREA IN COLD, CLEAN WATER. DO NOT ATTEMPT TO PULL AWAY SOLIDIFIED MATERIAL ADHERING TO SKIN. SEEK MEDICAL ATTENTION. INGESTION OF MOLTEN MATERIAL: BRING TO HOSPITAL IMMEDIATELY. THIS MATERIAL AT ROOM TEMPATURE IS A SOLID MATERIAL BUT IS NORMALLY USED AS A HOT MELT, SO TREAT ANY PERSONAL CONTACT WITH MOLTEN MATERIAL AS A NORMAL BURN.

**Section VII—Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material Is Released or Spilled NORMAL HOUSEKEEPING FOR SOLID MATERIAL. CLEAN MACHINERY OR RESOLIDIFIED MATERIAL WITH SOLVENT, TAKING CARE TO ELIMINATE ALL HEAT AND SPARK SOURCES. FOR LARGE SPILLS OF MOLTEN LIQUID, ALLOW TO SOLIDIFY AND SCRAPE UP.

Waste Disposal Method NORMAL DISPOSAL FOR SOLID WASTE AS MIGHT BE USED FOR OTHER PLASTIC MATERIALS SUCH AS POLYEHTYLENE. DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

Precautions to Be Taken in Handling and Storing NOT APPLICABLE IN SOLID FORM. REVIEW EMERGENCY AND FIRST AID PROCEDURES BEFORE HANDLING MOLTEN MATERIALS.

Other Precautions NONE IN SOLID FORM

**Section VII—Control Measures**

Respiratory Protection ( <i>Specify Type</i> ) NOT REQUIRED FOR NORMAL USAGE CONDITIONS WITH ADEQUATE VENTILATION.		
Ventilation	Local Exhaust IF USED IN A CONFINED AREA	Special
	Mechanical ( <i>General</i> ) REQUIRED FOR LARGE VOLUME USE	Other
Protective Gloves YES, IF HANDLING HOT, MOLTEN MATERIAL	Eye Protection ALWAYS USE SAFETLY GLASSES WHEN DEALING WITH CHEMICALS, SPLASHING COULD OCCUR	
Other Protective Clothing or Equipment FULL BODY COVERING CLOTHES IF SPLASHING OR SPRAYING THE MOLTEN MATERIAL		
Work/Hygienic Practices ALWAYS HANDLE CHEMICALS WITH CARE. BE SURE TO HAVE EYE RINSE AND SHOWER STATION WITHIN THE WORKING AREA.		