

MATERIAL SAFETY 3M
 DATA SHEET 3M Center
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DIVISION: ENGINEERED ADHESIVES
 TRADE NAME:

Jet-melt (TM) Adhesive 3738-AE / 3738-PG / 3738-TC / 3738-TC-Q / 3738-
 Q / 3738-B

ID NUMBER/U.P.C.:

62-3738-7230-8	00-21200-20956-7	62-3738-7231-6	00-21200-20957-4
62-3738-7232-4	00-21200-22657-1	62-3738-7233-2	00-21200-20958-1
62-3738-7234-0	00-21200-65268-4	62-3738-9030-0	00-21200-20959-8
62-3738-9105-0	00-21200-41566-1	62-3738-9130-8	- - -
62-3738-9132-4	00-21200-65262-2	62-3738-9134-0	00-21200-31301-1
62-3738-9135-7	- - -	62-3738-9136-5	00-21200-39252-8
62-3738-9230-6	00-21200-82155-4	62-3738-9231-4	00-21200-82156-1
62-3738-9232-2	00-21200-82157-8	62-3738-9305-6	00-21200-41563-0
62-3738-9330-4	00-21200-82609-2	62-3738-9335-3	00-21200-89305-6
62-3738-9336-1	00-21200-39249-8	62-3738-9337-9	- - -
62-3738-9338-7	- - -	62-3738-9339-5	00-21200-49094-1
62-3738-9430-2	00-21200-20961-1	62-3738-9505-1	00-21200-41564-7
62-3738-9530-9	- - -	62-3738-9531-7	00-21200-82594-1
62-3738-9536-6	00-21200-39251-1	62-3738-9630-7	- - -
62-3738-9730-5	00-21200-20964-2	62-3738-9805-5	00-21200-41565-4
62-3738-9830-3	00-21200-82610-8	62-3738-9831-1	00-21200-82610-7
62-3738-9835-2	00-21200-87860-2	62-3738-9836-0	00-21200-39250-4
62-3738-9930-1	- - -	62-3738-9931-9	- - -
62-3738-9935-0	00-21200-76285-7	62-3738-9936-8	00-21200-76303-8

ISSUED: May 24, 2001
 SUPERSEDES: December 13, 2000
 DOCUMENT: 10-0388-8

1. INGREDIENT	C.A.S. NO.	PERCENT	
ETHYLENE-VINYL ACETATE POLYMER.....	24937-78-8	50	- 60
HYDROCARBON RESIN.....	68478-07-9	20	- 30
HYDROCARBON RESIN.....	65997-06-0	10	- 20
PARAFFIN WAX.....	8002-74-2	1	- 5

IN CASE OF EMERGENCY: THE NUMBERS AT THE TOP OF THIS PAGE PROVIDE 24
 HOUR RESPONSE FROM ANY PHONE FOR ALL EMERGENCIES WITH THIS PRODUCT.
 The components of this product are in compliance with the chemical
 notification requirements of TSCA. All applicable chemical
 ingredients in this material are listed on the European Inventory of

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:
Not applicable.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:
Carbon Monoxide and Carbon Dioxide, Toxic Vapors, Gases or
Particulates.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:
Observe precautions from other sections. Collect spilled material.

RECOMMENDED DISPOSAL:
Dispose of waste product in a sanitary landfill. Reclaim if
feasible. For larger quantities: Incinerate in an industrial or
commercial facility in the presence of a combustible material.

ENVIRONMENTAL DATA:
No data available.

REGULATORY INFORMATION:
Volatile Organic Compounds: N/D.
VOC Less H2O & Exempt Solvents: N/D.

Since regulations vary, consult applicable regulations or authorities
before disposal. U.S. EPA Hazardous Waste Number = None (Not U.S.
EPA Hazardous).

EPCRA HAZARD CLASS:
FIRE HAZARD: No PRESSURE: No REACTIVITY: No ACUTE: Yes CHRONIC: No

6. SUGGESTED FIRST AID

EYE CONTACT:
Immediately flush eyes with large amounts of water. Get immediate
medical attention.

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6. SUGGESTED FIRST AID (continued)

SKIN CONTACT:

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.

IF SWALLOWED:

Do not induce vomiting. Drink two glasses of water. Call a physician.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Avoid eye contact with vapor, spray, or mist. Wear unvented goggles during operations in which exposure is likely.

SKIN PROTECTION:

Avoid skin contact with hot adhesive and applicator tip. Wear appropriate gloves, such as Nomex, when handling this material to prevent thermal burns.

RECOMMENDED VENTILATION:

Provide appropriate local exhaust for molten or extruded material. Use in a well-ventilated area.

RESPIRATORY PROTECTION:

Avoid prolonged breathing of vapors.

PREVENTION OF ACCIDENTAL INGESTION:

Do not ingest.

RECOMMENDED STORAGE:

Store at temperatures below 120 degrees F (49 degrees C). Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Not applicable.

7. PRECAUTIONARY INFORMATION (continued)

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
ETHYLENE-VINYL ACETATE POLYMER.....	NONE	NONE	NONE	NONE	
HYDROCARBON RESIN.....	NONE	NONE	NONE	NONE	
HYDROCARBON RESIN.....	NONE	NONE	NONE	NONE	
PARAFFIN WAX.....	2	MG/M3	TWA	ACGIH	
		as fume			
PARAFFIN WAX.....	2	MG/M3	TWA	OSHA	
		as fume			

* SKIN NOTATION: Listed substances indicated with 'Y' under SKIN refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- OSHA: Occupational Safety and Health Administration

- NONE: None Established

8. HEALTH HAZARD DATA

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.

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8. HEALTH HAZARD DATA (continued)

IF SWALLOWED:

Ingestion is 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 HEALTH HAZARD INFORMATION:

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.

NOTE: Laboratory studies were conducted to characterize volatiles released during Jet-melt use. Air samples were collected from the head space of the adhesive and from the simulated breathing zone of a Polygun user during application. Although acetic acid and acrolein were measured in the product's head space, the chemicals were not detected in the breathing zone air samples (i.e., chemical concentrations were below the lower limits of analytical detection). These results indicate a very low inhalation hazard when normal industrial hygiene practices are used. However, customer correspondence indicate that eye and upper respiratory system irritation may occur. For this reason, the product should be used in a well ventilated area.

SECTION CHANGE DATES

HEADING SECTION CHANGED SINCE December 13, 2000 ISSUE

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