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**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Product name:</b>	<b>TECHNOMELT 8448</b> formerly <b>TECHNOMELT 80-8448</b>	<b>IDH number:</b>	1329233
<b>Product type:</b>	Hotmelt adhesive	<b>Region:</b>	United States
<b>Restriction of Use:</b>	None identified	<b>Contact information:</b>	
<b>Company address:</b>		Telephone:	(860) 571-5100
Henkel Corporation		MEDICAL EMERGENCY Phone:	Poison Control Center
One Henkel Way		1-877-671-4608 (toll free) or 1-303-592-1711	
Rocky Hill, Connecticut 06067		TRANSPORT EMERGENCY Phone:	CHEMTREC
		1-800-424-9300 (toll free) or 1-703-527-3887	
		Internet:	www.henkelna.com

**2. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

MOLTEN ADHESIVE MAY CAUSE SEVERE BURNS.  
STATIC CHARGES GENERATED BY EMPTYING PACKAGE IN OR NEAR  
FLAMMABLE VAPORS MAY CAUSE IGNITION.  
VAPORS ABOVE MOLTEN ADHESIVE MAY CAUSE EYE, SKIN AND  
RESPIRATORY TRACT IRRITATION.

HAZARD CLASS	HAZARD CATEGORY
None	None

PICTOGRAM(S)
None

**Precautionary Statements**

<b>Prevention:</b>	Not prescribed
<b>Response:</b>	Not prescribed
<b>Storage:</b>	Not prescribed
<b>Disposal:</b>	Not prescribed

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Hazardous Component(s)	CAS Number	Percentage*
Paraffin wax	Proprietary	5 - 10
Polyethylene	Proprietary	1 - 5

\* Exact percentage is a trade secret. Concentration range is provided to assist users in providing appropriate protections.

## 4. FIRST AID MEASURES

<b>Inhalation:</b>	Move to fresh air. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention.
<b>Skin contact:</b>	Molten adhesive may cause severe burns. Cool melted product on skin with plenty of water. Do not remove solidified product. No attempt should be made to remove material from skin or to remove contaminated clothing as damaged skin can be easily torn. Cover affected areas with clean sheeting or gauze and seek immediate medical attention.
<b>Eye contact:</b>	If eye contact occurs with molten material immediately cool with water. Do not remove adhesive. Seek medical attention.
<b>Ingestion:</b>	Ingestion of solid adhesive is not expected to be hazardous. If symptoms develop and persist, get medical attention.
<b>Symptoms:</b>	See Section 11.

## 5. FIRE FIGHTING MEASURES

<b>Extinguishing media:</b>	Use extinguishing measures appropriate to local circumstances and the surrounding environment. Dry chemical. Carbon dioxide.
<b>Special firefighting procedures:</b>	Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA). Wear full protective clothing.
<b>Unusual fire or explosion hazards:</b>	None
<b>Hazardous combustion products:</b>	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

## 6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

<b>Environmental precautions:</b>	No special environmental precautions required. Do not allow material to contaminate ground water system.
<b>Clean-up methods:</b>	Spilled material will solidify. Scrape up spilled material and place in a closed container for disposal.

## 7. HANDLING AND STORAGE

<b>Handling:</b>	Always be careful around molten material. Avoid skin contact with molten resins. Follow suggested application temperature. Do not wear contact lenses. At elevated temperatures, irritating fumes may be emitted. Provide adequate ventilation. Wash hands before breaks and immediately after handling the product.
<b>Storage:</b>	For safe storage, store between 0.0 °C (32°F) and 38.0 °C (100.4 °F)

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Paraffin wax	2 mg/m3 TWA Fume.	None	None	None
Polyethylene	10 mg/m3 TWA Inhalable particles. 3 mg/m3 TWA Respirable particles.	15 MPPCF TWA Respirable fraction. 15 mg/m3 TWA Total dust. 50 MPPCF TWA Total dust. 5 mg/m3 TWA Respirable fraction. 5 mg/m3 PEL Respirable fraction. 15 mg/m3 PEL Total dust.	None	None

### Engineering controls:

Work should be done in an adequately ventilated area (i.e., ventilation sufficient to maintain concentrations below one half of the PEL and other relevant standards). Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination.

### Respiratory protection:

No personal respiratory protective equipment normally required. Where the potential exists for exposure to decomposition products due to heating or elevated temperatures, wear NIOSH approved respiratory protection as appropriate. Observe OSHA regulations for respirator use (29 CFR 1910.134).

### Eye/face protection:

Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists. Do not wear contact lenses.

### Skin protection:

Insulated gloves and long sleeved clothing are strongly recommended when working with molten adhesive.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Pellets
Color:	Amber
Odor:	Pungent
Odor threshold:	Not available.
pH:	Not applicable
Vapor pressure:	Not determined
Boiling point/range:	> 220 °C (> 428°F)
Melting point/ range:	> 100 °C (> 212°F)
Specific gravity:	0.98
Vapor density:	Not applicable
Flash point:	> 220 °C (> 428°F) Cleveland open cup
Flammable/Explosive limits - lower:	Not applicable
Flammable/Explosive limits - upper:	Not applicable
Autoignition temperature:	Not applicable
Flammability:	Not applicable
Evaporation rate:	Not applicable
Solubility in water:	Insoluble
Partition coefficient (n-octanol/water):	Not available.
VOC content:	0 %
Viscosity:	875 - 1,350 cp
Decomposition temperature:	Not available.

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Hazardous reactions:</b>	Will not occur.
<b>Hazardous decomposition products:</b>	Thermal decomposition can lead to release of irritating gases and vapors. carbon monoxide carbon dioxide
<b>Incompatible materials:</b>	Oxidizing agents.
<b>Reactivity:</b>	Not available.
<b>Conditions to avoid:</b>	To avoid thermal decomposition, do not overheat. Avoid temperatures above 200°C (392°F).

## 11. TOXICOLOGICAL INFORMATION

**Product toxicity data:** Henkel is not aware of any toxicity data on the specific mixture of chemical components contained in this product.

**Relevant routes of exposure:** Skin, Inhalation, Eyes

### Potential Health Effects/Symptoms

<b>Inhalation:</b>	Dusts from solid adhesive may cause irritation. Continuous breathing of vapors above molten adhesive may irritate mucous membranes.
<b>Skin contact:</b>	Solid adhesive has no hazards. Molten adhesive may cause severe burns.
<b>Eye contact:</b>	Can cause mechanical irritation if dusts are generated. Fumes released during thermal processing may cause eye irritation. Molten adhesive in eyes will cause severe and permanent damage.
<b>Ingestion:</b>	Not expected under normal conditions of use. Expected to be low in toxicity.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Paraffin wax	None	Irritant
Polyethylene	None	No Target Organs

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Paraffin wax	No	No	No
Polyethylene	No	No	No

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Do not empty into drains, soil or bodies of water.

### 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

**Recommended method of disposal:** This product is not a RCRA hazardous waste when discarded. Processing, use, or contamination of this product may change the hazard classification and waste management options. Follow all local, state, federal and provincial regulations for disposal.

**Hazardous waste number:** Not a RCRA hazardous waste.

### 14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

#### U.S. Department of Transportation Ground (49 CFR)

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

#### International Air Transportation (ICAO/IATA)

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

#### Water Transportation (IMO/IMDG)

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None  
**Exceptions:** None

### 15. REGULATORY INFORMATION

#### United States Regulatory Information

**TSCA 8 (b) Inventory Status:** All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

**TSCA 12 (b) Export Notification:** None above reporting de minimis

**CERCLA/SARA Section 302 EHS:** None above reporting de minimis.  
**CERCLA/SARA Section 311/312:** None  
**CERCLA/SARA Section 313:** None above reporting de minimis.

**California Proposition 65:** No California Proposition 65 listed chemicals are known to be present.

#### Canada Regulatory Information

**CEPA DSL/NDL Status:** All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

### 16. OTHER INFORMATION

**This safety data sheet contains changes from the previous version in sections:** This Safety Data Sheet contains changes from the previous version in Section(s): 2,3 and related 8,11,15

**Prepared by:** M. Abraham, Regulatory Affairs

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