



Revision Number: 002.0

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**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Product name:</b>	<b>TECHNOMELT PA 2192 known as MACROMELT 2192 40LB</b>	<b>IDH number:</b>	1398696
<b>Product type:</b>	Hotmelt adhesive	<b>Item number:</b>	1398696
<b>Restriction of Use:</b>	None identified	<b>Region:</b>	United States
<b>Company address:</b>	<b>Contact information:</b>		
Henkel Corporation	Telephone: 860.571.5100		
One Henkel Way	MEDICAL EMERGENCY Phone: Poison Control Center		
Rocky Hill, Connecticut 06067	1-877-671-4608 (toll free) or 1-303-592-1711		
	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.  
VAPORS ABOVE MOLTEN ADHESIVE MAY CAUSE EYE, SKIN AND  
RESPIRATORY TRACT IRRITATION.  
STATIC CHARGES GENERATED BY EMPTYING PACKAGE IN OR NEAR  
FLAMMABLE VAPORS MAY CAUSE IGNITION.

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**

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

Hazardous Component(s)	CAS Number	Percentage*
None	None	None

\* 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 symptoms persist, seek medical advice.
<b>Skin contact:</b>	Cool skin rapidly with cold water after contact with molten material. 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>	Do not induce vomiting. Seek medical advice.
<b>Symptoms:</b>	See Section 11.

#### 5. FIRE FIGHTING MEASURES

<b>Extinguishing media:</b>	water, carbon dioxide, foam, powder
<b>Special firefighting procedures:</b>	Not available.
<b>Unusual fire or explosion hazards:</b>	Not available.
<b>Hazardous combustion products:</b>	Oxides of carbon. Acrid smoke and fumes.

#### 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>	Do not allow material to contaminate ground water system.
<b>Clean-up methods:</b>	Sweep up spilled material. Avoid creating dust. Keep in suitable and closed containers for disposal.

#### 7. HANDLING AND STORAGE

<b>Handling:</b>	Do not place wet or damp solid into melt tank. Follow suggested application temperature. Always be careful around molten material. Avoid skin contact with molten resins. Do not wear contact lenses. Avoid dust formation.
<b>Storage:</b>	Keep cool in accordance with information on label and in Technical Data Sheets.

For information on product shelf life contact Henkel Customer Service at (800) 243-4874.

#### 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
None	None	None	None	None

<b>Engineering controls:</b>	Use adequate ventilation to remove molten vapors or fumes.
<b>Respiratory protection:</b>	Solid Resin: Dust safety masks are recommended when the potential for dust inhalation exists. Molten Resin: Use a NIOSH approved air-purifying respirator with an organic vapor cartridge.

**Eyeface 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:	Solid
Color:	Amber
Odor:	None
Odor threshold:	Not available.
pH:	Not available.
Vapor pressure:	not applicable
Boiling point/range:	Not available.
Melting point/ range:	137.7 °C (279.9 °F)
Specific gravity:	0.99
Vapor density:	Not available.
Flash point:	> 200.00 °C (> 392°F) Estimated
Flammable/Explosive limits - lower:	Not applicable
Flammable/Explosive limits - upper:	Not applicable
Autoignition temperature:	Not applicable
Evaporation rate:	Not applicable
Solubility in water:	Insoluble
Partition coefficient (n-octanol/water):	Not available.
VOC content:	Essentially Zero
Viscosity:	4,000.00 - 6,000.00 cp
Decomposition temperature:	Not available.

## 10. STABILITY AND REACTIVITY

Stability:	Stable
Hazardous reactions:	Will not occur.
Hazardous decomposition products:	Carbon dioxide, carbon monoxide and irritating and/or toxic gases and particulate may be generated by thermal decomposition or combustion.
Incompatible materials:	Acids. Bases. Oxidizing agents.
Reactivity:	Not available.
Conditions to avoid:	Prolonged heating at temperatures above 200 °C.

## 11. TOXICOLOGICAL INFORMATION

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

**Potential Health Effects/Symptoms**

Inhalation:	Continuous breathing of vapors above molten adhesive may irritate mucous membranes. Dusts from solid adhesive may cause irritation.
Skin contact:	Molten adhesive may cause severe burns. Solid adhesive has no hazards.
Eye contact:	Can cause mechanical irritation if dusts are generated. Molten adhesive in eyes will cause severe and permanent damage.
Ingestion:	Not expected under normal conditions of use. May cause gastrointestinal tract irritation if swallowed.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
None	None	None

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
None	None	None	None

## 12. ECOLOGICAL INFORMATION

Ecological information: Not available.

## 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: 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

## 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: Immediate Health  
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: New Safety Data Sheet format.

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