



Revision Number: 002.0

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**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Product name:</b>	<b>TECHNOMELT PS 8668 known as TECHNOMELT 8668</b>	<b>IDH number:</b>	553304
<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>	Henkel Corporation One Henkel Way Rocky Hill, Connecticut 06067	Telephone: (860) 571-5100 MEDICAL EMERGENCY Phone: Poison Control Center 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**

**WARNING:** 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.  
CAUSES SKIN IRRITATION.  
CAUSES SERIOUS EYE IRRITATION.

HAZARD CLASS	HAZARD CATEGORY
SKIN IRRITATION	2
EYE IRRITATION	2A

**PICTOGRAM(S)****Precautionary Statements**

<b>Prevention:</b>	Wash thoroughly after handling. Wear eye and face protection. Wear protective gloves.
<b>Response:</b>	IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing. If skin irritation occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing.
<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**

IDH number: 553304

Product name: TECHNOMELT PS 8668 known as TECHNOMELT 8668  
Page 1 of 6

Hazardous Component(s)	CAS Number	Percentage*
Petroleum distillates	Proprietary	10 - 30
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	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 in case of accidental inhalation of dust or fumes from overheating or combustion. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
<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>	If symptoms develop and persist, get medical attention. Ingestion of solid adhesive is not expected to be hazardous.
<b>Symptoms:</b>	See Section 11.

#### 5. FIRE FIGHTING MEASURES

<b>Extinguishing media:</b>	Water spray (fog), foam, dry chemical or carbon dioxide.
<b>Special firefighting procedures:</b>	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
<b>Unusual fire or explosion hazards:</b>	None
<b>Hazardous combustion products:</b>	In the event of a fire, carbon monoxide (CO), carbon dioxide (CO <sub>2</sub> ) and nitrogen oxides (NO <sub>x</sub> ) can be released. Irritating and toxic gases or fumes may be released during a fire.

#### 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. No special environmental precautions required.
<b>Clean-up methods:</b>	Sweep up spilled material. Avoid creating dust. Health injuries are not known or expected under normal use.

#### 7. HANDLING AND STORAGE

<b>Handling:</b>	Avoid skin contact with molten resins. Follow suggested application temperature. Always be careful around molten material. Do not place wet or damp solid into melt tank.
<b>Storage:</b>	For safe storage, store at or below 38 °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
Petroleum distillates	None	None	None	None
Distillates (petroleum), hydrotreated heavy naphthenic	5 mg/m3 TWA mist 10 mg/m3 STEL mist	5 mg/m3 TWA mist 500 ppm (2,000 mg/m3) PEL 5 mg/m3 PEL Mist.	None	None

### Engineering controls:

General room ventilation is usually adequate. 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.

### 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:	Light amber
Odor:	Resinous
Odor threshold:	Not available.
pH:	not applicable
Vapor pressure:	Not determined
Boiling point/range:	> 200.0 °C (> 392°F)
Melting point/ range:	140 °C (284°F) (Softening Point)
Specific gravity:	1.0
Vapor density:	Not available.
Flash point:	No flash point up to 200 °C
Flammable/Explosive limits - lower:	Not applicable
Flammable/Explosive limits - upper:	Not applicable
Autoignition temperature:	Not determined
Evaporation rate:	Not applicable
Solubility in water:	Insoluble
Partition coefficient (n-octanol/water):	Not determined
VOC content:	0 g/l
Viscosity:	Not available.
Decomposition temperature:	Not available.

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Hazardous reactions:</b>	Will not occur.
<b>Hazardous decomposition products:</b>	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Thermal decomposition can lead to release of irritating gases and vapors.
<b>Incompatible materials:</b>	Strong oxidizing agents.
<b>Reactivity:</b>	Not available.
<b>Conditions to avoid:</b>	Prolonged heating at temperatures above 200 °C.

## 11. TOXICOLOGICAL INFORMATION

<b>Product toxicity data:</b>	Not available.
<b>Relevant routes of exposure:</b>	Skin, Inhalation, Eyes

### Potential Health Effects/Symptoms

<b>Inhalation:</b>	Continuous breathing of vapors above molten adhesive may irritate mucous membranes. Dusts from solid adhesive may cause irritation.
<b>Skin contact:</b>	Molten adhesive may cause severe burns.
<b>Eye contact:</b>	Molten adhesive in eyes will cause severe and permanent damage. Can cause mechanical irritation if dusts are generated.
<b>Ingestion:</b>	Not expected to be harmful by ingestion.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Petroleum distillates	None	Irritant
Distillates (petroleum), hydrotreated heavy naphthenic	None	Irritant

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Petroleum distillates	No	No	No
Distillates (petroleum), hydrotreated heavy naphthenic	No	No	No

## 12. ECOLOGICAL INFORMATION

<b>Ecological information:</b>	Not available.
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### 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:** 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.

**Prepared by:** J. Boryszewski, Regulatory Affairs  
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