

# Material Safety Data Sheet



Revision Number: 002.1

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** TECHNOMELT PS 9625 formerly PRIMAMELT 37-625  
**Product type:** Hotmelt adhesive  
**IDH number:** 1358023  
**Region:** United States  
**Company address:** Henkel Corporation  
1001 Trout Brook Crossing  
Rocky Hill, Connecticut 06067  
**Contact information:** Telephone: 860.571.5100  
Emergency telephone: 860.571.5100  
Internet: www.henkelna.com

## 2. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

<b>Physical state:</b>	Solid	<b>HEALTH:</b>	1
<b>Color:</b>	Off white	<b>FLAMMABILITY:</b>	0
<b>Odor:</b>	Mild	<b>PHYSICAL HAZARD:</b>	0
		<b>Personal Protection:</b>	See MSDS Section 8

**CAUTION:** MOLTEN ADHESIVE MAY CAUSE SEVERE BURNS.  
VAPORS ABOVE MOLTEN ADHESIVE MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

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

### Potential Health Effects

**Inhalation:** Dusts from solid adhesive may cause irritation. Continuous breathing of vapors above molten adhesive may irritate mucous membranes.  
**Skin contact:** Molten adhesive may cause severe burns.  
**Eye contact:** Dust or powder may irritate eye tissue. Molten adhesive in eyes will cause severe and permanent damage.  
**Ingestion:** May cause gastrointestinal tract irritation if swallowed.

**Existing conditions aggravated by exposure:** Respiratory disorders.

This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

See Section 11 for additional toxicological information.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components	CAS NUMBER	%
Benzene, ethenyl-, polymer with 2-methyl-1,3-butadiene	25038-32-8	30 - 60
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	10 - 30
Talc	14807-96-6	0.1 - 1

## 4. FIRST AID MEASURES

**Inhalation:** Move to fresh air. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention.

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<b>Skin contact:</b>	Wash affected area immediately with soap and water. Cool skin rapidly with cold water after contact with molten material. No attempt should be made to remove material from skin or to remove contaminated clothing as damaged skin can be easily torn. Get immediate medical attention.
<b>Eye contact:</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye contact occurs with molten material immediately cool with water. Do not remove adhesive. Seek medical attention.
<b>Ingestion:</b>	Get immediate medical attention. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

## 5. FIRE FIGHTING MEASURES

<b>Flash point:</b>	Not applicable
<b>Autoignition temperature:</b>	Not available
<b>Flammable/Explosive limits - lower:</b>	Not available
<b>Flammable/Explosive limits - upper:</b>	Not available
<b>Extinguishing media:</b>	None necessary.
<b>Special firefighting procedures:</b>	None identified.
<b>Unusual fire or explosion hazards:</b>	None identified.
<b>Hazardous combustion products:</b>	Smoke. Oxides of carbon.

## 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>	Prevent further leakage or spillage if safe to do so. Prevent contamination of soil and water.
<b>Clean-up methods:</b>	Wear appropriate protective equipment and clothing during clean-up. If product is molten at time of spill, allow it to polymerize before scraping up. If product is solid at time of spill, sweep up. Avoid creating static electricity while sweeping as static discharge may occur. Store picked up product for either reuse or disposal. Follow all local, state, federal and provincial regulations for disposal.

## 7. HANDLING AND STORAGE

<b>Handling:</b>	Avoid skin contact with molten resins. Do not inhale vapors and fumes.
<b>Storage:</b>	No special procedures.

**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 components	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Benzene, ethenyl-, polymer with 2-methyl-1,3-butadiene	None	None	None	0.6 mg/m3 TWA Rubber Fume 6 mg/m3 TWARubber Process Dust
Distillates (petroleum), hydrotreated heavy naphthenic	5 mg/m3 TWA mist 10 mg/m3 STEL mist	5 mg/m3 TWA mist	None	None
Talc	2 mg/m3 TWA Respirable fraction.	20 MPPCF TWA 2.4 MPPCF TWA Respirable. 0.1 mg/m3 TWA Respirable. 0.3 mg/m3 TWA Total dust.	None	50 ppm

**Engineering controls:**

Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits. Use adequate ventilation to remove molten vapors or fumes.

**Respiratory protection:**

Use NIOSH approved respirator if there is potential to exceed exposure limit(s). Observe OSHA regulations for respiratory use (29 CFR 1910.134).

**Eye/face protection:**

Safety goggles or safety glasses with side shields.

**Skin protection:**

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Solid
<b>Color:</b>	Off white
<b>Odor:</b>	Mild
<b>Odor threshold:</b>	Not available
<b>pH:</b>	Not available
<b>Vapor pressure:</b>	Not available
<b>Boiling point/range:</b>	Not applicable
<b>Melting point/ range:</b>	Not available
<b>Specific gravity:</b>	1.0 (Water = 1)
<b>Vapor density:</b>	Not available
<b>Flash point:</b>	Not applicable
<b>Flammable/Explosive limits - lower:</b>	Not available
<b>Flammable/Explosive limits - upper:</b>	Not available
<b>Autoignition temperature:</b>	Not available
<b>Evaporation rate:</b>	Not available
<b>Solubility in water:</b>	Not soluble
<b>Partition coefficient (n-octanol/water):</b>	Not available
<b>VOC content:</b>	0 g/l
<b>Viscosity:</b>	2,100 - 3,700 cp

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Normally stable.
<b>Hazardous reactions:</b>	Will not occur.
<b>Hazardous decomposition products:</b>	Smoke. Oxides of carbon.
<b>Incompatible materials:</b>	None known
<b>Conditions to avoid:</b>	None known

## 11. TOXICOLOGICAL INFORMATION

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Benzene, ethenyl-, polymer with 2-methyl-1,3-butadiene	No	No	No
Distillates (petroleum), hydrotreated heavy naphthenic	No	No	No
Talc	No	No	No

Hazardous components	Health Effects/Target Organs
Benzene, ethenyl-, polymer with 2-methyl-1,3-butadiene	No Target Organs
Distillates (petroleum), hydrotreated heavy naphthenic	Irritant
Talc	Irritant, Lung, Some evidence of carcinogenicity

## 12. ECOLOGICAL INFORMATION

Ecological information: Not available

## 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

**Recommended method of disposal:** Legal disposition of wastes is the responsibility of the owner/generator of the waste. Applicable federal, state and/or local regulations must be followed during treatment, storage, or disposal of waste containing this product.

**Hazardous waste number:** To the best of our knowledge, this product is not listed nor does it meet the criteria of a hazardous waste if discarded in its purchased form. However, under RCRA, it is the responsibility of the user to determine at the time of disposal whether a product meets any of the RCRA hazardous waste criteria. This is because product uses, transformations, mixtures, processes, etc., may render the resulting material hazardous, under the criteria of ignitability, corrosivity, reactivity and toxicity characteristics under the new Toxicity Characteristics Leaching Procedure (TCLP) 40 Code of Federal Regulations 261.20-24.

## 14. TRANSPORT INFORMATION

### 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/MDG)

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 minimus

**CERCLA/SARA Section 302 EHS:** None above reporting de minimus  
**CERCLA/SARA Section 311/312:** Immediate Health  
**CERCLA/SARA 313:** None above reporting de minimus

**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.  
**WHMIS hazard class:** D.2.B

**16. OTHER INFORMATION**

**This material safety data sheet contains changes from the previous version in sections:** New Material Safety Data Sheet format.

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