



Revision Date: 06/09/2008

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: TECHNOMELT 80-8572 **Item No. :** 80-8572
Product Use: Industrial Hot Melt Adhesive **Region:** Canada
Company address: **Contact Information:**
Henkel Corporation, Inc. Telephone: 847.468.9200
1345 Gasket Drive Transportation Emergency Telephone: 800.424.9300
Elgin, IL 60120

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous components</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Paraffin wax 8002-74-2	5-10	2 mg/m ³ TWA	None	None

Non hazardous components
EVA Hotmelt Adhesive Blend

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state: Solid	WHMIS hazard class: Non-controlled
Color: Light yellow	
Odor: Slight	

CAUTION: MOLTEN ADHESIVE MAY CAUSE SEVERE BURNS.

Relevant routes of exposure: Molten adhesive, Skin, Eyes, Solid adhesive has no hazards

Potential Health Effects

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: Molten adhesive in eyes will cause severe and permanent damage. Can cause mechanical irritation if dusts are generated.
Ingestion: Not expected to be harmful by ingestion.

Existing conditions aggravated by exposure: None known

See Section 11 for additional toxicological information.

4. FIRST AID MEASURES

Inhalation:	Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.
Skin contact:	Thermal burn hazard from molten adhesive. Cool melted product on skin with plenty of water. Do not remove solidified product. Cover affected areas with clean sheeting or gauze and seek immediate medical attention. No attempt should be made to remove material from skin or to remove contaminated clothing as damaged skin can be easily torn.
Eye contact:	If eye contact occurs with molten material immediately cool with water. Do not remove adhesive. Seek medical attention.
Ingestion:	Ingestion of solid adhesive is not expected to be hazardous. Get medical attention if symptoms develop and persist.

5. FIRE-FIGHTING MEASURES

Flash point:	Greater than 220°C (428°F) (estimated)
Autoignition temperature:	Not applicable
Flammable/Explosive limits-lower %:	Not applicable
Flammable/Explosive limits-upper %:	Not applicable
Extinguishing media:	Use extinguishing measures appropriate to local circumstances and the surrounding environment. Water spray (fog), foam, dry chemical or carbon dioxide.
Special fire fighting procedures:	None
Unusual fire or explosion hazards:	None
Hazardous combustion products:	Oxides of carbon. Acrid smoke and fumes.
Sensitivity to mechanical impact:	Not available.
Sensitivity to static discharge:	Not available.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	No special environmental precautions required. Do not allow material to contaminate ground water system.
Clean-up methods:	Health injuries are not known or expected under normal use. Sweep up spilled material. Avoid creating dust.

7. HANDLING AND STORAGE

Handling:	Avoid contact with molten material. Always be careful around molten material. Do not place wet or damp solid into melt tank. Follow suggested application temperature. Do not wear contact lenses.
Storage:	Do not store above 38°C (100°F).
Incompatible products:	No special restrictions on storage with other products.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls:	Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.
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 respiratory use (29 CFR 1910.134).
Skin protection:	Insulated gloves and long sleeved clothing are strongly recommended when working with molten adhesive.
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 when handling this product.

See Section 2 for exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Solid
Color:	Light yellow
Odor:	Slight
Odor Threshold:	Not available
Vapor pressure:	Not applicable
pH:	Not applicable
Boiling point/range:	Not available
Melting point/range:	103 - 110 °C (218 - 230 °F) (Softening Point)
Specific gravity:	0.95
Vapor density:	Not available
Evaporation rate:	Not applicable
Solubility in water:	Insoluble.
Partition coefficient (n-octanol/water):	Not available
VOC content:	0 g/L

10. STABILITY AND REACTIVITY

Stability:	Stable.
Hazardous polymerization:	Will not occur.
Hazardous decomposition products:	None under normal use. Thermal decomposition can lead to release of irritating gases and vapors.
Incompatibility:	Avoid heating above 400 Degrees F
Conditions to avoid:	Prolonged heating at temperatures above 200 °C.

11. TOXICOLOGICAL INFORMATION

Product toxicity data:	Acute oral LD50 >5000mg/kg (rat)(estimated).
Toxicologically synergistic products:	Not available.

Refer to the following for Irritancy of Product, Sensitization to Product, Carcinogenicity, Reproductive Toxicity, Teratogenicity, and Mutagenicity.

Ingredient Toxicity Data & Carcinogen Status

Hazardous components	LD50s & LC50s	Other LD50s and LC50s	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen	ACGIH - Carcinogens
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Paraffin wax 8002-74-2	Dermal LD50 (Rabbit) > 3600 mg/kg Oral LD50 (Rat) > 3750 mg/kg	None	No	No	No	No
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Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Paraffin wax 8002-74-2	Irritant

12. ECOLOGICAL INFORMATION

Ecological information: Not available

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of in accordance with federal and local regulations.

14. TRANSPORT INFORMATION

Canada Transportation of Dangerous Goods - Ground:

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
Marine pollutant: None
Exceptions: None

15. REGULATORY INFORMATION

Canada Regulatory Information

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

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.

16. OTHER INFORMATION

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

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Product Regulations.

Prepared by: Ed Waldynski, Regulatory Affairs Specialist

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