



Revision Number: 002.1

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: TECHNOMELT 8633 formerly
TECHNOMELT 80-8633
Product type: Hotmelt adhesive
IDH number: 514499
Region: United States
Company address: Henkel Corporation
One Henkel Way
Rocky Hill, Connecticut 06067
Contact information: Telephone: 860.571.5100
Emergency telephone: 800.424.9300
Internet: www.henkelna.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

| | | | |
|------------------------|--------|-----------------------------|--------------------|
| Physical state: | solid | HEALTH: | 2 |
| Color: | Amber | FLAMMABILITY: | 1 |
| Odor: | Slight | PHYSICAL HAZARD: | 0 |
| | | Personal Protection: | 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: Solid adhesive has no hazards. Molten adhesive may cause severe burns.
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. Not expected under normal conditions of use.

Existing conditions aggravated by exposure: None known

This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Hazardous components | CAS NUMBER | % |
|--------------------------------------|------------|--------|
| Paraffin waxes and Hydrocarbon waxes | 8002-74-2 | 5 - 10 |

4. FIRST AID MEASURES

Inhalation: If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.

Skin contact: 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.

Eye contact: If eye contact occurs with molten material immediately cool with water. Do not remove adhesive. Seek medical attention.

Ingestion: If symptoms develop and persist, get medical attention. Ingestion of solid adhesive is not expected to be hazardous.

5. FIRE FIGHTING MEASURES

Flash point: > 200 °C (> 392°F)

Autoignition temperature: Not applicable

Flammable/Explosive limits - lower: Not applicable

Flammable/Explosive limits - upper: Not applicable

Extinguishing media: Water spray (fog), foam, dry chemical or carbon dioxide.

Special firefighting procedures: Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA). Wear full protective clothing.

Unusual fire or explosion hazards: None

Hazardous combustion products: Oxides of carbon. Oxides of nitrogen. Thermal decomposition can lead to release of irritating gases and vapors.

6. ACCIDENTAL RELEASE MEASURES

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

Environmental precautions: Do not allow material to contaminate ground water system. No special environmental precautions required.

Clean-up methods: Sweep up spilled material. Avoid creating dust. Health injuries are not known or expected under normal use.

7. HANDLING AND STORAGE

Handling: Follow suggested application temperature. Do not place wet or damp solid into melt tank. Avoid skin contact with molten resins.

Storage: 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 components | ACGIH TLV | OSHA PEL | AIHA WEEL | OTHER |
|--------------------------------------|----------------------------------|----------|-----------|-------|
| Paraffin waxes and Hydrocarbon waxes | 2 mg/m ³ TWA Fume. | None | None | None |

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.

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).

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: Amber
Odor: Slight
Odor threshold: Not available
pH: Not applicable
Vapor pressure: not applicable
Boiling point/range: Not applicable
Melting point/ range: 106 °C (222.8 °F) (Softening Point)
Specific gravity: 1.0
Vapor density: Not available
Flash point: > 200 °C (> 392°F)
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: < 0.09 % (calculated)

10. STABILITY AND REACTIVITY

Stability: Stable

Hazardous reactions: Will not occur.

Hazardous decomposition products: Thermal decomposition can lead to release of irritating gases and vapors. Oxides of carbon.

Incompatible materials: Oxidizing agents.

Conditions to avoid: Store away from incompatible materials.

11. TOXICOLOGICAL INFORMATION

Acute oral product toxicity: LD50 (rat) > 5,000 mg/kg (Estimated)

| Hazardous components | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|--------------------------------------|----------------|-----------------|---|
| Paraffin waxes and Hydrocarbon waxes | No | No | No |

| Hazardous components | Health Effects/Target Organs |
|--------------------------------------|------------------------------|
| Paraffin waxes and Hydrocarbon waxes | Irritant |

12. ECOLOGICAL INFORMATION

Ecological information: Not available Not available

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

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 minimus
CERCLA/SARA Section 302 EHS: None above reporting de minimus
CERCLA/SARA Section 311/312: None
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: Not controlled

16. OTHER INFORMATION

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

Prepared by: Ed Waldynski, Regulatory Affairs Specialist

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