



Revision Number: 004.2

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1. IDENTIFICATION

| | | | |
|---|--|-----------------------------|--|
| Product name: | TECHNOMELT 8668 formerly TECHNOMELT PS 80-8668 | IDH number: | 1399958 |
| Product type/ Recommended use: | Hotmelt adhesive | Region: | Canada |
| Restriction of Use: | None identified | Contact information: | Telephone: +1 (905) 814-6511 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 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 |
| Company address: | Henkel Canada Corporation Meadowpine Boulevard 2515 Mississauga, Ontario L5N 6C3 | | |

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING:WARNING: 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.
H315 CAUSES SKIN IRRITATION.
H319 CAUSES SERIOUS EYE IRRITATION.
H304 MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.H315
CAUSES SKIN IRRITATION.
H319 CAUSES SERIOUS EYE IRRITATION.

| HAZARD CLASS | HAZARD CATEGORY |
|-------------------|-----------------|
| SKIN IRRITATION | 2 |
| EYE IRRITATION | 2A |
| ASPIRATION HAZARD | 1 |

PICTOGRAM(S)



Precautionary Statements

Prevention: P264 - Wash affected area thoroughly after handling.
P280 - Wear protective gloves, eye protection, and face protection.P264 - Wash affected area
thoroughly after handling.
P280 - Wear protective gloves, eye protection, and face protection.

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Response: P302+P352 - IF ON SKIN: Wash with plenty of water.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 - If skin irritation occurs: Get medical attention.
P337+P313 - If eye irritation persists: Get medical attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P301+P310 - IF SWALLOWED: Immediately call a physician or poison control center.
P331 - Do NOT induce vomiting.P302+P352 - IF ON SKIN: Wash with plenty of water.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 - If skin irritation occurs: Get medical attention.
P337+P313 - If eye irritation persists: Get medical attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.

Storage: P405 - Store locked up.

Disposal: P501 - Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Other hazards Not available.

Classification complies with Canadian Hazardous Products Regulations and is consistent with the provision 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

| Hazardous Component(s) | CAS Number | Weight %* |
|--|------------|-----------|
| Isoprene-Styrene copolymer | 25038-32-8 | 30 - 60 |
| Distillates, petroleum, steam-cracked, polymd. | 68131-77-1 | 10 - 30 |
| Distillates (petroleum), hydrotreated heavy naphthenic | 64742-52-5 | 1 - 5 |

* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

4. FIRST AID MEASURES

First Aid Measures by likely routes of exposure

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

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

Most important symptoms and effects (acute and delayed): The most important known symptoms and effects, both acute and delayed, are described in Section 11: Toxicological Information.

Indication of any immediate medical attention / special treatment needed: Not available.

5. FIRE FIGHTING MEASURES

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|---|--|
| Extinguishing media: | Use extinguishing measures appropriate to local circumstances and the surrounding environment. Dry chemical. Carbon dioxide. |
| Improper extinguishing agents: | Not available. |
| 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: | Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. |

6. ACCIDENTAL RELEASE MEASURES

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

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|-----------------------------------|--|
| Environmental precautions: | No special environmental precautions required. Do not allow material to contaminate ground water system. |
| Clean-up methods: | Spilled material will solidify. Scrape up spilled material and place in a closed container for disposal. |

7. HANDLING AND STORAGE

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|------------------|--|
| Handling: | Always be careful around molten material. Avoid skin contact with molten resins. Follow suggested application temperature. Do not wear contact lenses. At elevated temperatures, irritating fumes may be emitted. Provide adequate ventilation. Wash hands before breaks and immediately after handling the product. |
| Storage: | For safe storage, store between 0.0 °C (32°F) and 38.0 °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 |
|--|------------------------------------|---|-----------|--|
| Isoprene-Styrene copolymer | None | None | None | 0.600000 mg/m3 TWA 0.600000 mg/m3 TWA |
| Distillates (petroleum), hydrotreated heavy naphthenic | 5 mg/m3 TWA Inhalable fraction. | 5 mg/m3 PEL Mist. 500 ppm (2,000 mg/m3) PEL | None | None |

| | |
|--------------------------------|--|
| Engineering controls: | Work should be done in an adequately ventilated area (i.e., ventilation sufficient to maintain concentrations below one half of the PEL and other relevant standards). 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. 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: | Light amber |
| Odor: | Resinous |
| Odor threshold: | Not available. |
| pH: | Not applicable |
| Vapor pressure: | Not available. |
| Boiling point/range: | > 220 °C (> 428°F) |
| Melting point/ range: | > 130 °C (> 266°F) |
| Density/Relative density: | 0.98 |
| Relative vapor density: | Not available. |
| Flash point: | > 220 °C (> 428°F) no method / method unknown |
| Flammable/Explosive limits - lower: | Not applicable |
| Flammable/Explosive limits - upper: | Not applicable |
| Autoignition temperature: | Not applicable |
| Flammability: | Not applicable |
| Evaporation rate: | Not applicable |
| Solubility: | Insoluble Water |
| Partition coefficient n-octanol/water (logarithmic value): | Not determined |
| VOC content: | 0 % |
| Dynamic viscosity: | 25,000 - 44,000 mPa.s |
| Kinematic viscosity: | Not available. |
| Particle characteristics: | Not available. |
| Decomposition temperature: | Not available. |

10. STABILITY AND REACTIVITY

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|--|--|
| Stability: | Stable |
| Hazardous reactions: | Will not occur. |
| Hazardous decomposition products: | Thermal decomposition can lead to release of irritating gases and vapors. carbon monoxide carbon dioxide |
| Incompatible materials: | Oxidizing agents. |
| Reactivity: | Not available. |
| Conditions to avoid: | To avoid thermal decomposition, do not overheat. Avoid temperatures above 200°C (392°F). |

11. TOXICOLOGICAL INFORMATION

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|-----------------------------------|-----------------------------------|
| Product toxicity data: | Not available. |
| Likely routes of exposure: | Skin, Inhalation, Eyes, Ingestion |

Potential Health Effects/Symptoms

Inhalation: Dusts from solid adhesive may cause irritation.
Skin contact: Solid adhesive has no hazards. Molten adhesive may cause severe burns.
Eye contact: Can cause mechanical irritation if dusts are generated. Fumes released during thermal processing may cause eye irritation. Molten adhesive in eyes will cause severe and permanent damage.
Ingestion: Not expected under normal conditions of use. Expected to be low in toxicity.

| Hazardous Component(s) | LD50s and LC50s |
|--|---|
| Isoprene-Styrene copolymer | None |
| Distillates, petroleum, steam-cracked, polymd. | None |
| Distillates (petroleum), hydrotreated heavy naphthenic | Inhalation LC50 (Rat, 4 h) = > 4.026 mg/l Inhalation LC50 (Rat, 4 h) = 2.18 mg/l Inhalation LC50 (Rat, 4 h) = 10.5 mg/l Inhalation LC50 (Rat, 4 h) = > 5.2 mg/l Inhalation LC50 (Rat, 4 h) = < 5.7 mg/l |

| Hazardous Component(s) | Immediate Health Effects | Delayed Health Effects | Chronic Health Effects |
|--|--------------------------|------------------------|------------------------|
| Isoprene-Styrene copolymer | | | |
| Distillates, petroleum, steam-cracked, polymd. | Irritant | | |
| Distillates (petroleum), hydrotreated heavy naphthenic | Irritant | | |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|--|----------------|-----------------|--|
| Isoprene-Styrene copolymer | No | No | No |
| Distillates, petroleum, steam-cracked, polymd. | No | No | No |
| Distillates (petroleum), hydrotreated heavy naphthenic | No | No | No |

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.

14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any packaging.

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

Exceptions: None

15. REGULATORY INFORMATION

Canada Regulatory Information

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

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) inventory.

16. OTHER INFORMATION

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

Prepared by: Product Safety and Regulatory Affairs

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