



Revision Number: 001.2

Issue date: 06/19/2024

**1. PRODUCT AND COMPANY IDENTIFICATION**

|                               |                           |                                              |                       |
|-------------------------------|---------------------------|----------------------------------------------|-----------------------|
| <b>Product name:</b>          | <b>TECHNOMELT GA 485D</b> | <b>IDH number:</b>                           | 1275803               |
| <b>Product type/use:</b>      | Hotmelt adhesive          | <b>Region:</b>                               | Canada                |
| <b>Restriction of Use:</b>    | None identified           | <b>Contact information:</b>                  |                       |
| <b>Company address:</b>       |                           | Telephone:                                   | +1 (860) 571-5100     |
| Henkel Corporation            |                           | MEDICAL EMERGENCY Phone:                     | Poison Control Center |
| One Henkel Way                |                           | 1-877-671-4608 (toll free) or 1-303-592-1711 |                       |
| Rocky Hill, Connecticut 06067 |                           | TRANSPORT EMERGENCY Phone:                   | CHEMTREC              |
|                               |                           | 1-800-424-9300 (toll free) or 1-703-527-3887 |                       |
|                               |                           | Internet:                                    | www.henkelna.com      |

**2. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

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.

**HAZARD CLASS**

None

**HAZARD CATEGORY**

None

**PICTOGRAM(S)**

None

**Precautionary Statements**

|                    |                |
|--------------------|----------------|
| <b>Prevention:</b> | Not prescribed |
| <b>Response:</b>   | Not prescribed |
| <b>Storage:</b>    | Not prescribed |
| <b>Disposal:</b>   | Not prescribed |

Classification complies with Canadian Hazardous Products Regulations (WHMIS 2015) 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 %* |
|--------------------------------------|------------|-----------|
| Paraffin waxes and Hydrocarbon waxes | 8002-74-2  | 20 - 30   |
| Vinyl acetate                        | 108-05-4   | 0.1 - 1   |

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

IDH number: Not available.

Product name: TECHNOMELT GA 485D

#### 4. FIRST AID MEASURES

|                      |                                                                                                                                                                                                                                                                                                                                                   |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation:</b>   | Move to fresh air. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention.                                                                                                                                                                                                                         |
| <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>    | Ingestion of solid adhesive is not expected to be hazardous. If symptoms develop and persist, get medical attention.                                                                                                                                                                                                                              |
| <b>Symptoms:</b>     | See Section 11.                                                                                                                                                                                                                                                                                                                                   |

#### 5. FIRE FIGHTING MEASURES

|                                           |                                                                                                                              |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Extinguishing media:</b>               | Use extinguishing measures appropriate to local circumstances and the surrounding environment. Dry chemical. Carbon dioxide. |
| <b>Special firefighting procedures:</b>   | Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA). Wear full protective clothing.        |
| <b>Unusual fire or explosion hazards:</b> | None                                                                                                                         |
| <b>Hazardous combustion products:</b>     | 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.

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

#### 7. HANDLING AND STORAGE

|                  |                                                                                                                                                                                                                                                                                                                      |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Handling:</b> | 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. |
| <b>Storage:</b>  | 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 |
|--------------------------------------|----------------------------------|----------|-----------|-------|
| Paraffin waxes and Hydrocarbon waxes | 2 mg/m <sup>3</sup> TWA<br>Fume. | None     | None      | None  |
| Vinyl acetate                        | 10 ppm TWA<br>15 ppm STEL        | None     | 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:                                   | Off white                |
| Odor:                                    | mild                     |
| Odor threshold:                          | Not available.           |
| pH:                                      | Not applicable           |
| Vapor pressure:                          | Not available.           |
| Boiling point/range:                     | Not available.           |
| Melting point/ range:                    | 110 °C (230°F)           |
| Specific gravity:                        | 0.9800                   |
| Vapor density:                           | Not available.           |
| Flash point:                             | > 232.00 °C (> 449.6 °F) |
| Flammable/Explosive limits - lower:      | Not applicable           |
| Flammable/Explosive limits - upper:      | Not applicable           |
| Autoignition temperature:                | Not applicable           |
| Flammability:                            | Not applicable           |
| Evaporation rate:                        | Not applicable           |
| Solubility in water:                     | Insoluble                |
| Partition coefficient (n-octanol/water): | Not available.           |
| VOC content:                             | 0 %                      |
| Viscosity:                               | 5,200 - 7,400 mPa.s      |
| Decomposition temperature:               | Not available.           |

## 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. 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

**Product toxicity data:** Henkel is not aware of any toxicity data on the specific mixture of chemical components contained in this product.

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

### Potential Health Effects/Symptoms

**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:** 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                                                                                                                                 | Immediate and Delayed Health Effects                                           |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| Paraffin waxes and Hydrocarbon waxes | None                                                                                                                                            | Irritant                                                                       |
| Vinyl acetate                        | Oral LD50 (Rat) = 2,920 mg/kg<br>Oral LD50 (Mouse) = 1,613 mg/kg<br>Dermal LD50 (Rabbit) = 2,335 mg/kg<br>Inhalation LC50 (Rat, 4 h) = 4490 ppm | Central nervous system, Irritant, Mutagen,<br>Some evidence of carcinogenicity |

| Hazardous Component(s)               | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen<br>(Specifically Regulated) |
|--------------------------------------|----------------|-----------------|---------------------------------------------|
| Paraffin waxes and Hydrocarbon waxes | No             | No              | No                                          |
| Vinyl acetate                        | No             | Group 2B        | No                                          |

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Do not empty into drains, soil or bodies of water.

## 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.

## 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)**

|                                  |               |
|----------------------------------|---------------|
| <b>Proper shipping name:</b>     | Not regulated |
| <b>Hazard class or division:</b> | None          |
| <b>Identification number:</b>    | None          |
| <b>Packing group:</b>            | None          |
| <b>Exceptions:</b>               | None          |

**15. REGULATORY INFORMATION****Canada Regulatory Information**

|                              |                                                                                                   |
|------------------------------|---------------------------------------------------------------------------------------------------|
| <b>CEPA DSL/NDSL Status:</b> | All components are listed on or are exempt from listing on the Canadian Domestic Substances List. |
|------------------------------|---------------------------------------------------------------------------------------------------|

**United States Regulatory Information**

|                                     |                                                                                                                      |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>TSCA 8 (b) Inventory Status:</b> | 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

**Issue date:** 06/19/2024

**DISCLAIMER:** The data contained herein are furnished for information only and are believed to be reliable. However, Henkel Corporation and its affiliates ("Henkel") does not assume responsibility for any results obtained by persons over whose methods Henkel has no control. It is the user's responsibility to determine the suitability of Henkel's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any Henkel's products. In light of the foregoing, Henkel specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Henkel's products. Henkel further disclaims any liability for consequential or incidental damages of any kind, including lost profits.

This Safety Data Sheet has been generated based on the Canadian Hazardous Products Regulations (WHMIS 2015) and provides information in accordance with Canadian law only. No warranty or representation of any kind is given with respect to the substantive or export laws of any other jurisdiction or country. Please confirm that the information provided herein conforms to the substantive export or other law of any other jurisdiction prior to export. Please contact Henkel Product Safety and Regulatory Affairs for additional assistance.