



Revision Number: 001.3

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**1. PRODUCT AND COMPANY IDENTIFICATION**

|                            |   |                             |  |
|----------------------------|---|-----------------------------|--|
| <b>Product name:</b>       | <b>TECHNOMELT PA 652 known as<br/>MACROMELT OM 652 KG20</b>           | <b>IDH number:</b>          | 273329   |
| <b>Product type:</b>       | Hotmelt adhesive  | <b>Item number:</b>         | OM-652-I3  |
| <b>Restriction of Use:</b> | None identified   | <b>Region:</b>              | United States  |
| <b>Company address:</b>    | Henkel Corporation<br>One Henkel Way<br>Rocky Hill, Connecticut 06067 | <b>Contact information:</b> | Telephone: (860) 571-5100<br>MEDICAL EMERGENCY Phone: Poison Control Center<br>1-877-671-4608 (toll free) or 1-303-592-1711<br>TRANSPORT EMERGENCY Phone: CHEMTREC<br>1-800-424-9300 (toll free) or 1-703-527-3887<br>Internet: www.henkelna.com |

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

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.

| HAZARD CLASS | HAZARD CATEGORY |
|--------------|-----------------|
| None         | 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 OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions 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 | Percentage* |
|------------------------|------------|-------------|
| None                   | None       | None        |

\* Exact percentage is a trade secret. Concentration range is provided to assist users in providing appropriate protections.

#### 4. FIRST AID MEASURES

|                      |   |
|----------------------|---|
| <b>Inhalation:</b>   | Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. 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. 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. |
| <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>               | Water spray (fog), foam, dry chemical or carbon dioxide. Use extinguishing measures appropriate to local circumstances and the surrounding environment. |
| <b>Special firefighting procedures:</b>   | Not available.  |
| <b>Unusual fire or explosion hazards:</b> | Not available.  |
| <b>Hazardous combustion products:</b>     | Oxides of carbon. Acrid smoke and fumes.  |

#### 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> | Do not allow material to contaminate ground water system.  |
| <b>Clean-up methods:</b>          | Sweep up spilled material. Avoid creating dust. Keep in suitable and closed containers for disposal. |

#### 7. HANDLING AND STORAGE

|                  |   |
|------------------|---|
| <b>Handling:</b> | Avoid skin contact with molten resins. Do not place wet or damp solid into melt tank. Follow suggested application temperature. Do not wear contact lenses. |
| <b>Storage:</b>  | Keep cool in accordance with information on label and in Technical Data Sheets.   |

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 Component(s) | ACGIH TLV | OSHA PEL | AIHA WEEL | OTHER |
|------------------------|-----------|----------|-----------|-------|
| None                   | None      | None     | None      | None  |

|                              |  |
|------------------------------|--|
| <b>Engineering controls:</b> | Use adequate ventilation to remove molten vapors or fumes. |
|------------------------------|--|

|                                |  |
|--------------------------------|--|
| <b>Respiratory protection:</b> | Solid Resin: Dust safety masks are recommended when the potential for dust inhalation exists. Molten Resin: Use a NIOSH approved air-purifying respirator with an organic vapor cartridge. |
| <b>Eye/face protection:</b>    | 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.          |
| <b>Skin protection:</b>        | 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>                                   | Amber          |
| <b>Odor:</b>                                    | Typical        |
| <b>Odor threshold:</b>                          | Not available. |
| <b>pH:</b>                                      | Not available. |
| <b>Vapor pressure:</b>                          | not applicable |
| <b>Boiling point/range:</b>                     | Not available. |
| <b>Melting point/ range:</b>                    | Not available. |
| <b>Specific gravity:</b>                        | 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>                     | Insoluble      |
| <b>Partition coefficient (n-octanol/water):</b> | Not available. |
| <b>VOC content:</b>                             | 0.00 %         |
| <b>Viscosity:</b>                               | Not available. |
| <b>Decomposition temperature:</b>               | Not available. |

## 10. STABILITY AND REACTIVITY

|  |  |
|--|--|
| <b>Stability:</b>                        | Stable   |
| <b>Hazardous reactions:</b>              | Will not occur.  |
| <b>Hazardous decomposition products:</b> | Carbon dioxide, carbon monoxide and irritating and/or toxic gases and particulate may be generated by thermal decomposition or combustion. |
| <b>Incompatible materials:</b>           | Acids. Bases. Oxidizing agents.  |
| <b>Reactivity:</b>                       | Not available.   |
| <b>Conditions to avoid:</b>              | Excessive heat.  |

## 11. TOXICOLOGICAL INFORMATION

|                                     |                              |
|-------------------------------------|------------------------------|
| <b>Relevant routes of exposure:</b> | Molten adhesive., Skin, Eyes |
|-------------------------------------|------------------------------|

### Potential Health Effects/Symptoms

**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 under normal conditions of use. May cause gastrointestinal tract irritation if swallowed.

| Hazardous Component(s) | LD50s and LC50s | Immediate and Delayed Health Effects |
|------------------------|-----------------|--------------------------------------|
| None                   | None            | None                                 |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|------------------------|----------------|-----------------|--|
| None                   | None           | None            | None                                     |

## 12. ECOLOGICAL INFORMATION

**Ecological information:** No data available.

## 13. DISPOSAL CONSIDERATIONS

**Information provided is for unused product only.**

**Recommended method of disposal:** Dispose of according to Federal, State and local governmental regulations.

**Hazardous waste number:** Not a RCRA hazardous waste.

## 14. TRANSPORT INFORMATION

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

### 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 minimis

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

**CERCLA/SARA Section 313:** None above reporting de minimis

**California Proposition 65:** No California Proposition 65 listed chemicals are known to be present.

**Canada Regulatory Information**

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

**16. OTHER INFORMATION**

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

**Prepared by:** Lou Fabrizio, Regulatory Affairs Specialist

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