SECTION 1: COMPANY INFORMATION

APPLIED Products, Inc.
6035 Baker Road
Minnetonka, MN 55345
Phone: 800.365.2480

Preparation Date: September 18, 2017

Emergency Contact Number: CHEMTREC (800) 424-9300

SECTION 2: HAZARDS IDENTIFICATION

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.

Pictogram(s) None

Hazard Class None
Hazard Category None

PRECAUTIONARY STATEMENTS

Prevention: Not prescribed
Response: Not prescribed
Storage: Not prescribed
Disposal: Not prescribed


See Section 11 for additional toxicological information.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Component(s)</th>
<th>CAS Number</th>
<th>Percentage*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paraffin waxes and hydrocarbon waxes</td>
<td>8002-74-2</td>
<td>20 - 30</td>
</tr>
<tr>
<td>1-Octene, polymer with ethene</td>
<td>26221-73-8</td>
<td>20 - 30</td>
</tr>
</tbody>
</table>

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

SECTION 4: FIRST AID MEASURES

Inhalation: Move to fresh air. If breathing is difficult, give oxygen. 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.

Symptoms: See Section 11.
SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media: Use extinguishing measures appropriate to local circumstances and the surrounding environment. Dry chemical. 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: Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

SECTION 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: 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.

SECTION 7: HANDLING AND STORAGE

Handling Information: 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.

Storage Information: For safe storage, store between 32°F (0 °C) and 100.4 °F (38 °C)

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

SECTION 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.

<table>
<thead>
<tr>
<th>Hazardous Component(s)</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>AIHA WEEL</th>
<th>OTHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paraffin waxes and Carbon waxes</td>
<td>2 mg/m3 TWA Fume</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>1-Octene, polymer with ethene</td>
<td>10 mg/m3 TWA Inhalable particles. 15 mg/m3 TWA Total dust. 5 mg/m3 PEL Respirable fraction. 15 MPPCF TWA Respirable fraction. 5 mg/m3 TWA Respirable fraction. 15 mg/m3 TWA Total dust. 50 MPPCF TWA Total dust.</td>
<td>None</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

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.
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- Physical state: Solid
- Odor: Negligible
- pH: Not available
- Boiling point/range: > 428°F (>220°C) Cleveland open cup
- Specific gravity: 0.96
- Flash point: > 428°F (>220°C) Cleveland open cup
- Flammable/Explosive limits - upper: Not applicable
- Viscosity: Not available
- Color: Light Yellow
- Odor threshold: Not available
- Vapor pressure: Not available
- Melting point/ range: 248°F (120°C)
- Vapor density: Not available

SECTION 10: STABILITY AND REACTIVITY DATA

- 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
- Reactivity: Not available
- Conditions to avoid: To avoid thermal decomposition, do not overheat. Avoid temperatures above 392°F (200°C)

SECTION 11: TOXICOLOGICAL INFORMATION

- 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.

<table>
<thead>
<tr>
<th>Hazardous Component(s)</th>
<th>LD50s and LC50s</th>
<th>Immediate &amp; Delayed Health Effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paraffin wax and Hydrocarbon waxes</td>
<td>None</td>
<td>Irritant</td>
</tr>
<tr>
<td>1-Octene, polymer with ethene</td>
<td>None</td>
<td>No Records</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hazardous Component(s)</th>
<th>NTP Carcinogen</th>
<th>IARC Carcinogen</th>
<th>OSHA Carcinogen (Specifically Regulated)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paraffin wax and Hydrocarbon waxes</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>1-Octene, polymer with ethene</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

SECTION 12: ECOLOGICAL INFORMATION

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

SECTION 14: TRANSPORTATION 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

SECTION 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:** None
- **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.

SECTION 16: OTHER INFORMATION

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