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**1. IDENTIFICATION**

<b>Product name:</b>	<b>TECHNOMELT 1X</b>	<b>40</b>	<b>IDH number:</b>	420383
	<b>LB CT</b>			
<b>Product type/</b>	Assembly adhesives		<b>Item number:</b>	83358
<b>Recommended use:</b>				
<b>Restriction of Use:</b>	None identified		<b>Region:</b>	Canada
<b>Company address:</b>	Henkel Canada Corporation Meadowpine Boulevard 2515 Mississauga, Ontario L5N 6C3		<b>Contact information:</b>	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

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

**DANGER:** 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.  
 H317 MAY CAUSE AN ALLERGIC SKIN REACTION.  
 H334 MAY CAUSE ALLERGY OR ASTHMA SYMPTOMS OR BREATHING  
 DIFFICULTIES IF INHALED.  
 H351 SUSPECTED OF CAUSING CANCER.

HAZARD CLASS	HAZARD CATEGORY
RESPIRATORY SENSITIZATION	1
SKIN SENSITIZATION	1
CARCINOGENICITY	2

**PICTOGRAM(S)**



**Precautionary Statements**

**Prevention:**

- P201 - Obtain special instructions before use.
- P202 - Do not handle until all safety precautions have been read and understood.
- P261 - Avoid breathing dust or fumes.
- P272 - Contaminated work clothing should not be allowed out of the workplace.
- P280 - Wear protective gloves, clothing, eye and face protection.
- P284 - [In case of inadequate ventilation] wear respiratory protection.

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**Response:** P302+P352 - IF ON SKIN: Wash with plenty of water.  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P308+P313 - IF exposed or concerned: Get medical attention.  
P333+P313 - If skin irritation or rash occurs: Get medical attention.  
P342+P311 - If experiencing respiratory symptoms: Call a poison center or physician.  
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 %*
Paraffin waxes and Hydrocarbon waxes	8002-74-2	5 - 10
rosin	8050-09-7	5 - 10
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.

### 4. FIRST AID MEASURES

#### First Aid Measures by likely routes of exposure

**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.

**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

**Extinguishing media:** Water spray (fog), foam, dry chemical or carbon dioxide. Use extinguishing measures appropriate to local circumstances and the surrounding environment.

**Improper extinguishing agents:** Not available.

**Special firefighting procedures:** None

Unusual fire or explosion hazards: None

Hazardous combustion products: 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.

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

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

## 7. HANDLING AND STORAGE

**Handling:** Always be careful around molten material. 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. At elevated temperatures, irritating fumes may be emitted. Provide adequate ventilation.

**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 Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Paraffin waxes and Hydrocarbon waxes	2 mg/m <sup>3</sup> TWA Fume.	None	None	None
rosin	0.001 mg/m <sup>3</sup> TWA (as total Resin Acids) Inhalable fraction. (Dermal sensitization) (Respiratory sensitization)	None	None	None
Vinyl acetate	10 ppm TWA 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:** Respirator with combination filter for vapor/particulate. In case of insufficient ventilation wear suitable respiratory equipment.

**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

<b>Physical state:</b>	Solid
<b>Color:</b>	Light yellow, Translucent
<b>Odor:</b>	Mild, Resinous
<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>	110.2 °C (230.4 °F)
<b>Density/Relative density:</b>	0.95
<b>Relative vapor density:</b>	Not available.
<b>Flash point:</b>	Product is a solid
<b>Flammable/Explosive limits - lower:</b>	Not applicable
<b>Flammable/Explosive limits - upper:</b>	Not applicable
<b>Autoignition temperature:</b>	Not applicable
<b>Flammability:</b>	Not applicable
<b>Evaporation rate:</b>	Not applicable
<b>Solubility:</b>	Insoluble Water
<b>Partition coefficient n-octanol/water (logarithmic value):</b>	Not available.
<b>VOC content:</b>	0 %; 0 g/l
<b>Dynamic viscosity:</b>	Not available.
<b>Kinematic viscosity:</b>	Not available.
<b>Particle characteristics:</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>	Avoid heating above 400°F.
<b>Reactivity:</b>	Not available.
<b>Conditions to avoid:</b>	Prolonged heating at temperatures above 200 °C.

## 11. TOXICOLOGICAL INFORMATION

<b>Likely routes of exposure:</b>	Skin, Inhalation, Eyes, Ingestion
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**Potential Health Effects/Symptoms**

**Inhalation:** May cause allergic respiratory reaction. These symptoms, which can include chest tightness, wheezing, cough, shortness of breath or asthma attack, could be immediate or delayed (up to several hours after exposure).

**Skin contact:** May cause skin irritation. May cause allergic skin reaction. Molten adhesive may cause severe burns.

**Eye contact:** May cause eye irritation. 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.

Hazardous Component(s)	LD50s and LC50s
Paraffin waxes and Hydrocarbon waxes	None
rosin	None
Vinyl acetate	Oral LD50 (Rat) = 2,920 mg/kg Oral LD50 (Mouse) = 1,613 mg/kg Dermal LD50 (Rabbit) = 2,335 mg/kg Inhalation LC50 (Rat, 4 h) = 4490 ppm

Hazardous Component(s)	Immediate Health Effects	Delayed Health Effects	Chronic Health Effects
Paraffin waxes and Hydrocarbon waxes	Irritant		
rosin	Irritant	Allergen	Respiratory
Vinyl acetate	Irritant		Central nervous system Mutagen Some evidence of carcinogenicity

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Paraffin waxes and Hydrocarbon waxes	No	No	No
rosin	No	No	No
Vinyl acetate	No	Group 2B	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

**15. REGULATORY INFORMATION**

**Canada Regulatory Information**

**CEPA DSL/NDSL Status:** One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-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 Material Safety Data Sheet format., Expanded chemical information in Section 2 and related sections.

**Prepared by:** Product Safety and Regulatory Affairs

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