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**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Product name:</b>	<b>TECHNOMELT 232 known as HYSOL 232 S.STICK 10" 25 LB CT</b>	<b>IDH number:</b>	420350
<b>Product type:</b>	Hotmelt adhesive	<b>Item number:</b>	83245
<b>Restriction of Use:</b>	None identified	<b>Region:</b>	United States
<b>Company address:</b>	<b>Contact information:</b>		
Henkel Corporation	Telephone: (860) 571-5100		
One Henkel Way	MEDICAL EMERGENCY Phone: Poison Control Center		
Rocky Hill, Connecticut 06067	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.

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.

### **Non hazardous components**

EVA Hotmelt Adhesive Blend

## **4. FIRST AID MEASURES**

<b>Inhalation:</b>	Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.
<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. Water spray (fog), foam, dry chemical or carbon dioxide.
<b>Special firefighting procedures:</b>	None
<b>Unusual fire or explosion hazards:</b>	None
<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>	No special environmental precautions required. Do not allow material to contaminate ground water system.
<b>Clean-up methods:</b>	Health injuries are not known or expected under normal use. Sweep up spilled material. Avoid creating dust.

## **7. HANDLING AND STORAGE**

<b>Handling:</b>	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.
<b>Storage:</b>	For safe storage, store at or below 38 °C (100.4 °F) 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

### 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:

Solid Resin: Dust safety masks are recommended when the potential for dust inhalation exists. Molten Resin: Use a NIOSH approved respirator if ventilation is inadequate.

### 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:	Clear
Odor:	Slight, Resinous
Odor threshold:	Not available.
pH:	Not available.
Vapor pressure:	Not applicable
Boiling point/range:	Not available.
Melting point/ range:	100.2 °C (212.4 °F)
Specific gravity:	0.96
Vapor density:	Not available.
Flash point:	> 232 °C (> 449.6 °F)
Flammable/Explosive limits - lower:	Not applicable
Flammable/Explosive limits - upper:	Not applicable
Autoignition temperature:	Not applicable
Evaporation rate:	Not applicable
Solubility in water:	Insoluble
Partition coefficient (n-octanol/water):	Not available.
VOC content:	0 %; 0 g/l
Viscosity:	Not available.
Decomposition temperature:	Not available.

## 10. STABILITY AND REACTIVITY

Stability:	Stable
Hazardous reactions:	Will not occur.
Hazardous decomposition products:	Burning, including when heated by welding or cutting, will produce smoke, carbon monoxide and carbon dioxide.
Incompatible materials:	Avoid heating above 400°F.
Reactivity:	Not available.
Conditions to avoid:	Prolonged heating at temperatures above 200 °C.

## 11. TOXICOLOGICAL INFORMATION

**Relevant routes of exposure:** Inhalation, 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. Fumes released during thermal processing may cause eye irritation. 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:** 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.

**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  
**Exceptions:** None

## 15. REGULATORY INFORMATION

### United States Regulatory Information

<b>TSCA 8 (b) Inventory Status:</b>	All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.
<b>TSCA 12 (b) Export Notification:</b>	None above reporting de minimis
<b>CERCLA/SARA Section 302 EHS:</b>	Vinyl acetate (CAS# 108-05-4).
<b>CERCLA/SARA Section 311/312:</b>	Immediate Health, Delayed Health
<b>CERCLA/SARA Section 313:</b>	This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). Vinyl acetate (CAS# 108-05-4).
<b>California Proposition 65:</b>	This product contains a chemical known in the State of California to cause cancer.

### Canada Regulatory Information

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