



Revision Number: 006.0

Issue date: 02/06/2009

**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Product name:</b>	<b>330 DEPEND ADHESIVE</b>	<b>IDH number:</b>	901496
<b>Product type:</b>	Acrylic Adhesive	<b>Item number:</b>	20251_158330
		<b>Region:</b>	United States
<b>Company address:</b>	<b>Contact information:</b>		
Henkel Corporation	Telephone: 860.571.5100		
1001 Trout Brook Crossing	Emergency telephone: 860.571.5100		
Rocky Hill, Connecticut 06067	Internet: www.henkelna.com		

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

<b>Physical state:</b>	Liquid	<b>HEALTH:</b>	*2
<b>Color:</b>	Amber	<b>FLAMMABILITY:</b>	2
<b>Odor:</b>	Sharp, Irritating	<b>PHYSICAL HAZARD:</b>	1
		<b>Personal Protection:</b>	See MSDS Section 8

**WARNING:** COMBUSTIBLE LIQUID AND VAPOR.  
 CAUSES EYE IRRITATION.  
 MAY CAUSE ALLERGIC SKIN REACTION.  
 MAY CAUSE SKIN AND RESPIRATORY TRACT IRRITATION.  
 MAY BE HARMFUL IF SWALLOWED.

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

**Potential Health Effects**

<b>Inhalation:</b>	May cause respiratory tract irritation. May cause irritation to nose and throat.
<b>Skin contact:</b>	May cause allergic skin reaction. May cause skin irritation.
<b>Eye contact:</b>	Vapors may irritate eyes. Contact with eyes will cause irritation.
<b>Ingestion:</b>	May be harmful if swallowed. May cause gastrointestinal tract irritation if swallowed.

**Existing conditions aggravated by exposure:** Eye, skin and respiratory disorders.

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

See Section 11 for additional toxicological information.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Hazardous components	CAS NUMBER	%
Tetrahydrofurfuryl methacrylate	2455-24-5	30 - 60
Chlorosulphonated polyethylene	68037-39-8	10 - 30
Methacrylic acid	79-41-4	5 - 10
2-Ethylhexyl methacrylate	688-84-6	5 - 10
Epichlorohydrin-4,4'-isopropylidene diphenol resin	25068-38-6	1 - 5
Talc	14807-96-6	0.1 - 1

Under the Clean Air Act this product is exempted from labeling as an ozone depleting chemical (40 CFR 82.106(b)(1)).

#### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.
<b>Skin contact:</b>	Wash with soap and water. Remove contaminated clothing and footwear. Wash clothing before reuse. If symptoms develop and persist, get medical attention.
<b>Eye contact:</b>	Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. Get immediate medical attention.
<b>Ingestion:</b>	DO NOT induce vomiting unless directed to do so by medical personnel. Keep individual calm. Never give anything by mouth to an unconscious person. Get medical attention.

#### 5. FIRE FIGHTING MEASURES

<b>Flash point:</b>	83 °C (181.4 °F) Tagliabue closed cup
<b>Autoignition temperature:</b>	Not available
<b>Flammable/Explosive limits - lower:</b>	Not available
<b>Flammable/Explosive limits - upper:</b>	Not available
<b>Extinguishing media:</b>	Foam, dry chemical or carbon dioxide.
<b>Special firefighting procedures:</b>	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
<b>Unusual fire or explosion hazards:</b>	None
<b>Hazardous combustion products:</b>	Oxides of carbon. Oxides of nitrogen. Toxic chlorides. Irritating organic vapours.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.</b>	
<b>Environmental precautions:</b>	Do not allow product to enter sewer or waterways.
<b>Clean-up methods:</b>	Ensure adequate ventilation. Remove all sources of ignition. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Store in a partly filled, closed container until disposal.

#### 7. HANDLING AND STORAGE

<b>Handling:</b>	Keep away from heat, spark and flame. Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Do not taste or swallow. Use only with adequate ventilation.
<b>Storage:</b>	For safe storage, store at or below 38 °C (100.4 °F) Store away from heat, sparks, flames, or other sources of ignition. Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

**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 components	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Tetrahydrofurfuryl methacrylate	None	None	None	None
Chlorosulphonated polyethylene	None	None	None	None
Methacrylic acid	20 ppm TWA	None	None	None
2-Ethylhexyl methacrylate	None	None	None	None
Epichlorohydrin-4,4'-isopropylidene diphenol resin	None	None	None	None
Talc	2 mg/m3 TWA Respirable fraction.	20 MPPCF TWA 2.4 MPPCF TWA Respirable. 0.1 mg/m3 TWA Respirable. 0.3 mg/m3 TWA Total dust.	None	50 ppm

<b>Engineering controls:</b>	Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.
<b>Respiratory protection:</b>	Use NIOSH approved respirator if there is potential to exceed exposure limit(s). 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.
<b>Skin protection:</b>	Use impermeable gloves and protective clothing as necessary to prevent skin contact. Neoprene, Butyl-rubber, or nitrile-rubber gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid
<b>Color:</b>	Amber
<b>Odor:</b>	Sharp, Irritating
<b>Odor threshold:</b>	Not available
<b>pH:</b>	Not applicable
<b>Vapor pressure:</b>	< 10 mm Hg (80 °F (26.7 °C))
<b>Boiling point/range:</b>	> 300 °F (> 148.9 °C)
<b>Melting point/ range:</b>	Not available
<b>Specific gravity:</b>	1.16
<b>Vapor density:</b>	Not available
<b>Flash point:</b>	83 °C (181.4 °F) Tagliabue closed cup
<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>	Slight
<b>Partition coefficient (n-octanol/water):</b>	Not available
<b>VOC content:</b>	1.59 %; 18.4 g/l

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Hazardous reactions:</b>	Will not occur.
<b>Hazardous decomposition products:</b>	Oxides of carbon. Oxides of sulfur. Toxic chlorides. Irritating organic vapours.
<b>Incompatible materials:</b>	Strong oxidizing agents.
<b>Conditions to avoid:</b>	Keep away from heat, ignition sources and incompatible materials.

## 11. TOXICOLOGICAL INFORMATION

**Acute oral product toxicity:** LD50 (rat) > 10,000 mg/kg

**Acute dermal product toxicity:** LD50 (rabbit) > 4,000 mg/kg

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Tetrahydrofurfuryl methacrylate	No	No	No
Chlorosulphonated polyethylene	No	No	No
Methacrylic acid	No	No	No
2-Ethylhexyl methacrylate	No	No	No
Epichlorohydrin-4,4'-isopropylidene diphenol resin	No	No	No
Talc	No	No	No

Hazardous components	Health Effects/Target Organs
Tetrahydrofurfuryl methacrylate	Irritant, Allergen
Chlorosulphonated polyethylene	No Target Organs
Methacrylic acid	Corrosive, Irritant, Allergen
2-Ethylhexyl methacrylate	Irritant, Allergen
Epichlorohydrin-4,4'-isopropylidene diphenol resin	Allergen, Irritant
Talc	Irritant, Lung, Some evidence of carcinogenicity

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Not 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:** Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes. D019: Carbon tetrachloride.

## 14. TRANSPORT INFORMATION

The shipping classifications in this sections are for non-bulk packaging only (unless otherwise specified). Shipping classification may be different for bulk packaging.

### 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/MDG)

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** 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 minimus
<b>CERCLA/SARA Section 302 EHS:</b>	None above reporting de minimus
<b>CERCLA/SARA Section 311/312:</b>	Immediate Health, Delayed Health, Fire
<b>CERCLA/SARA 313:</b>	None above reporting de minimus
<b>California Proposition 65:</b>	This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

### 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.
<b>WHMIS hazard class:</b>	B.3, D.2.B

## 16. OTHER INFORMATION

**This material safety data sheet contains changes from the previous version in sections:** New Material Safety Data Sheet format. 2,3,4,5,8,9,11, and 15

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