



Revision Date: 04/07/2005

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### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product name:** 3335 UV/CATIONIC EPOXY 25ML SY  
**Product type:** Epoxy Resin  
**Company address:**  
Henkel Corporation  
1001 Trout Brook Crossing  
Rocky Hill, Connecticut 06067

**Item No. :** 30288  
**Region:** United States  
**Contact Information:**  
Telephone: 860.571.5100  
Emergency telephone: 860.571.5100  
Internet: www.loctite.com

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous components</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Epichlorohydrin-4,4'-isopropylidene diphenol resin 25068-38-6	60-100	None	None	None
Bis(1,1-dimethylethyl)polyoxymethyloxirane 3101-60-8	5-10	None	None	None
4-Methyl-1,3-dioxolane-2-one 108-32-7	0.1-1	None	None	None

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

##### HMIS:

**Physical state:** Liquid  
**Color:** Clear  
**Odor:** None

**HEALTH:** 2\*  
**FLAMMABILITY:** 1  
**PHYSICAL HAZARD:** 1  
**Personal Protection:** See Section 8

**WARNING:** CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION  
MAY CAUSE ALLERGIC SKIN REACTION.  
POSSIBLE CANCER HAZARD.

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

#### Potential Health Effects

**Inhalation:** May cause respiratory tract irritation.  
**Skin contact:** Irritating to skin. Allergic skin reaction.  
**Eye contact:** Contact with eyes will cause irritation.  
**Ingestion:** Ingestion may cause irritation to mucous membranes.

**Existing conditions aggravated by exposure:** Skin disorders.

See Section 11 for additional toxicological information.

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#### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Remove to fresh air. If discomfort persists seek medical attention.
<b>Skin contact:</b>	Wipe off paste with paper towel or cloth. Wash with soap and water. If skin irritation persists, call a physician.
<b>Eye contact:</b>	Immediately flush eyes with plenty of water for at least 15 minutes. If eye irritation persists, consult a specialist.
<b>Ingestion:</b>	DO NOT induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms develop and persist.
<b>Notes to physician:</b>	None.

#### 5. FIRE-FIGHTING MEASURES

<b>Flash point:</b>	Greater than 90°C (194°F)
<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>	If product is involved in fire extinguish with dry powder, foam or carbon dioxide.
<b>Special fire fighting procedures:</b>	Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA).
<b>Unusual fire or explosion hazards:</b>	None
<b>Hazardous combustion products:</b>	Trace amounts of toxic fumes may be released on incineration and the use of breathing apparatus is recommended.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Environmental precautions:</b>	Prevent product from entering drains or open waters.
<b>Clean-up methods:</b>	Wear suitable protective clothing, gloves and eye/face protection. For small spills wipe up with paper towel and place in container for disposal. Wash spillage site thoroughly with soap and water or detergent solution.

#### 7. HANDLING AND STORAGE

<b>Handling:</b>	When using, do not eat, drink or smoke. Avoid contact with skin and eyes.
<b>Storage:</b>	Keep in a cool, well ventilated area.
<b>Incompatible products:</b>	Strong acids or bases. Oxidizing agents.

For information on product shelf life contact Henkel Customer Service at (800) 243-4874.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering controls:</b>	General ventilation is acceptable if the exposure to materials in section 2 is maintained below applicable exposure limits. Refer to OSHA standards 1910.94, 1910.107, 1910.108
<b>Respiratory protection:</b>	Breathing apparatus only if aerosol or dust is formed.
<b>Skin protection:</b>	Use impermeable gloves and protective clothing as necessary to prevent skin contact.

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**Eye/face protection:** Chemical splash goggles or safety glasses with side shields.

See Section 2 for exposure limits.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Liquid  
**Color:** Clear  
**Odor:** None  
**Vapor pressure:** Not determined  
**pH:** Not determined  
**Boiling point/range:** Greater than 140°C (284°F)  
**Melting point/range:** Not available  
**Specific gravity:** 1.22  
**Vapor density:** Not available  
**Evaporation rate:** Not available  
**Solubility in water:** Insoluble  
**Partition coefficient (n-octanol/water):** Not available  
**VOC content:** ASTM D5403 Process volatiles 0.02 %, 0.24 grams/liter; Potential volatiles 0.00 %, 0 grams/liter; Total volatiles 0.02 %, 0.24 grams/liter.

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under recommended storage conditions  
**Hazardous polymerization:** Will not occur.  
**Hazardous decomposition products:** None under normal use.  
**Incompatibility:** Strong acids and strong bases. Oxidizing agents.  
**Conditions to avoid:** High temperatures.

## 11. TOXICOLOGICAL INFORMATION

### Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Epichlorohydrin-4,4'-isopropylidene diphenol resin 25068-38-6	No	No	No
Bis(1,1-dimethylethyl)polyoxymethyloxirane 3101-60-8	No	No	No
4-Methyl-1,3-dioxolane-2-one 108-32-7	No	No	No

### Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Epichlorohydrin-4,4'-isopropylidene diphenol resin 25068-38-6	Allergen, Irritant
Bis(1,1-dimethylethyl)polyoxymethyloxirane 3101-60-8	Allergen, Irritant
4-Methyl-1,3-dioxolane-2-one 108-32-7	Irritant

## 12. ECOLOGICAL INFORMATION

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**Ecological information:**

No specific studies have been conducted by Henkel on the ecotoxicity or environmental fate of this material; however, commonly available data on the material indicate that uncontrolled releases to soil, groundwater, or surface waters could entail acute and/or chronic ecological effects, depending on the quantity and concentration of such releases. Releases of volatile components to the atmosphere are not believed to entail significant ecological consequences provided such releases are within the exposure levels set forth in this document. Accordingly, all appropriate measures should be taken to avoid uncontrolled releases to the environment, and any spills or other uncontrolled releases which may occur should be contained and cleaned up immediately in accordance with Section 6.

### 13. DISPOSAL CONSIDERATIONS

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

**Recommended method of disposal:** Dispose of in accordance with Federal, State and local regulations.

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

### 14. TRANSPORT INFORMATION

**U.S. Department of Transportation Ground (49 CFR):**

<b>Proper shipping name:</b>	Not regulated
<b>Hazard class or division:</b>	None
<b>Identification number:</b>	None
<b>Packing group:</b>	None

**International Air Transportation (ICAO/IATA):**

<b>Proper shipping name:</b>	Not regulated
<b>Hazard class or division:</b>	None
<b>Identification number:</b>	None
<b>Packing group:</b>	None

**Water Transportation (IMO/IMDG):**

<b>Proper shipping name:</b>	Unrestricted
<b>Hazard class or division:</b>	None
<b>Identification number:</b>	None
<b>Packing group:</b>	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.

**CERCLA/SARA Section 302 EHS:** Not available  
**CERCLA/SARA Section 311/312:** Not available  
**CERCLA/SARA 313:** Not available

**California Proposition 65:** This product contains a chemical known to the State of California to cause cancer.

**Canada Regulatory Information**

**CEPA DSL/NDSL Status:** Not fully investigated.  
**WHMIS hazard class:** D.2.A, D.2.B

## 16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: Revised to new format.

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