

RECEIVED

MAR 12 2012



Revision Number: 002.1

Issue date: 04/08/2010

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** HYSOL E-40HT EPOXY 50ML PT A  
**Product type:** Adhesive  
**Company address:**  
 Henkel Corporation  
 One Henkel Way  
 Rocky Hill, Connecticut 06067

**IDH number:** 1086059  
**Item number:** 1086059\_193385  
**Region:** United States

**Contact information:**  
 Telephone: 860.571.5100  
 Emergency telephone: 860.571.5100  
 Internet: www.henkelna.com

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

<b>Physical state:</b>	Liquid	<b>HEALTH:</b>	*2
<b>Color:</b>	Off white	<b>FLAMMABILITY:</b>	1
<b>Odor:</b>	Slight	<b>PHYSICAL HAZARD:</b>	0
		<b>Personal Protection:</b>	See MSDS Section 8

**WARNING:** MAY CAUSE ALLERGIC SKIN REACTION.  
 CAUSES EYE AND SKIN IRRITATION.  
 MAY CAUSE RESPIRATORY TRACT IRRITATION.

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

**Potential Health Effects**

**Inhalation:** May cause respiratory tract irritation. May cause irritation to nose and throat.  
**Skin contact:** May cause allergic skin reaction. Causes skin irritation. Rash. Itching.  
**Eye contact:** Moderate eye irritation.  
**Ingestion:** Not expected to be harmful by ingestion.

**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	%
Epichlorohydrin-4,4'-isopropylidene diphenol resin	25068-38-6	60 - 100
4,4'-Methylenebis[N,N-bis(2,3-epoxypropyl)aniline]	28768-32-3	10 - 30
Synthetic rubber	Proprietary	10 - 30
Glass, oxide, chemicals	65997-17-3	5 - 10
Treated fumed silica	67762-90-7	1 - 5

**4. FIRST AID MEASURES**

**Inhalation:** Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If symptoms develop and persist, get medical attention.

RECEIVED

MAR 12 2012

Hazardous components	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Epichlorohydrin-4,4'-isopropylidene diphenol resin	None	None	None	None
4,4'-Methylenebis[N,N-bis(2,3-epoxypropyl)aniline]	None	None	None	None
Synthetic rubber	None	None	None	None
Glass, oxide, chemicals	10 mg/m3 TWA Inhalable dust. 3 mg/m3 TWA Respirable fraction.	None	None	None
Treated fumed silica	10 mg/m3 TWA Inhalable dust. 3 mg/m3 TWA Respirable fraction.	15 mg/m3 TWA Total dust. 5 mg/m3 TWA Respirable fraction.	None	None

**Engineering controls:**

Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.

**Respiratory protection:**

Use a NIOSH approved air-purifying respirator if the potential to exceed established exposure limits exists.

**Eye/face protection:**

Safety goggles or safety glasses with side shields.

**Skin protection:**

Use impermeable gloves and protective clothing as necessary to prevent skin contact.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical state:	Liquid
Color:	Off white
Odor:	Slight
Odor threshold:	Not available
pH:	Not available
Vapor pressure:	Not available
Boiling point/range:	Not available
Melting point/ range:	Not available
Specific gravity:	1.14
Vapor density:	Not available
Flash point:	> 94.5 °C (> 202.1 °F) Pensky Martens closed cup
Flammable/Explosive limits - lower:	Not available
Flammable/Explosive limits - upper:	Not available
Autoignition temperature:	Not available
Evaporation rate:	Not available
Solubility in water:	Not available
Partition coefficient (n-octanol/water):	Not available
VOC content:	0 %; 0 g/l (value as mixed for use)

**10. STABILITY AND REACTIVITY**

**Stability:**

Stable under normal conditions of storage and use.

**Hazardous reactions:**

May occur.

**Hazardous decomposition products:**

Oxides of carbon and nitrogen, aldehydes, acids and undetermined organics. Oxides of silicon. Formaldehyde.

**Incompatible materials:**

Oxidizing agents. Acids. Bases.

**Conditions to avoid:**

Avoid mixing resin (Part A) and curing agent (Part B) unless you plan to use immediately. Avoid heating unless curing surfaces to be bonded. Failure to observe these precautions may result in excessive heat build-up causing an exotherm.

RECEIVED

MAR 12 2012

CERCLA/SARA Section 302 EHS:  
CERCLA/SARA Section 311/312:  
CERCLA/SARA 313:

None above reporting de minimus  
Immediate Health, Delayed Health  
None above reporting de minimus

NOLLATED MORTAR™  
EPOXY ADHESIVE

California Proposition 65:

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

CEPA DSL/NDSL Status:

All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

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: New Material Safety Data Sheet format., This Material Safety Data Sheet contains changes from the previous version in Section(s): 2, 3, 4, 5, 10, 11

Prepared by: Rena Petrides, Regulatory Affairs Specialist

**DISCLAIMER:** The data contained herein are furnished for information only and are believed to be reliable. However, Henkel Corporation does not assume responsibility for any results obtained by persons over whose methods Henkel Corporation has no control. It is the user's responsibility to determine the suitability of Henkel's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any of Henkel Corporation's products. In light of the foregoing, Henkel Corporation specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Henkel Corporation's products. Henkel Corporation further disclaims any liability for consequential or incidental damages of any kind, including lost profits.