

HENKEL CORPORATION  
32150 JUST IMAGINE DRIVE  
AVON, OH 44011  
TELEPHONE: (440) 937-7000

03/03/09

MATERIAL SAFETY DATA SHEET

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Loctite Automotive Epoxy Putty  
Product Type: Epoxy  
IDH NUMBER: 1289274

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	%	Exposure Limits
Digylcidyl Ether of Bisphenol A	25036-25-3	7-13	INJECTION LD (50): >5000 mg/kg SKIN LD (50) : 20000 mg/kg (rabbit)
Digylcidyl Ether of Bisphenol A	25085-99-8	5-10	INJECTION LD (50): >5000 mg/kg SKIN ABSORPTION (50) : 20000 mg/kg (rabbit)
2,4,6 - TRIS (DIMETHYLAMINO) METHYL PHENOL	90-72-2	.05 - 1.5	SKIN IRRITATION: 8(scale 0-8)(rabbit) ORAL LD (50): 1653 mg/kg (rat) INHALATION LC (50): > 0.5 mg/L (rat) EYE IRRITATION : 110 (scale 0-110)(rabbit) DOT CORROSIVITY: neg. (rabbit)

3. HAZARDS IDENTIFICATION

\*\*\*\*EMERGENCY OVERVIEW\*\*\*\*

PHYSICAL STATE:Putty COLOR:Blue/White ODOR: Amine. Fishy

CAUTION! MAY CAUSE ALLERGIC SKIN REACTION.  
MAY BE HARMFUL IF SWALLOWED OR ABSORBED THROUGH SKIN.  
MAY CAUSE EYE AND SKIN IRRITATION.

Potential Health Effects

Eye:

Mild eye irritant. Possible sensitizer.

Skin:

May be harmful if absorbed through skin. Allergic skin reaction.  
Itching. Mild skin irritation. Redness.

Ingestion:

May be harmful if swallowed. Irritation of intestinal tract.

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Inhalation:  
Not expected to be harmful if inhaled.

Conditions Aggravated by Exposure:  
Skin disorders.

Chronic:  
Detailed information provided in section 11.

4. FIRST AID MEASURES

Eye:  
Immediately flush eyes with plenty of water for at least 15 minutes.  
Get medical attention.

Skin:  
Immediately flush skin with plenty of water (using soap, if available)  
for at least 15 minutes. Remove contaminated clothing and shoes. Get  
medical attention if symptoms occur.

Ingestion:  
Do NOT induce vomiting unless directed to do so by medical personnel.  
Never give anything by mouth to an unconscious person. Get medical  
attention.

Inhalation:  
Remove to fresh air. If symptoms develop and persist, get medical  
attention.

Note to Physician:  
None.

5. FIRE FIGHTING MEASURES

Flash Point:  
CLOSED CUP : Higher than 200.F (93.3.C).

Extinguishing Media:  
In case of fire, use water spray (fog), foam, dry chemicals, or CO2.

Flammable Limits:  
Not available.

Special Fire Fighting Procedures:  
Fire fighters should wear positive pressure self-contained breathing  
apparatus (SCBA) and full turnout gear.

Hazardous Combustion Products:  
Oxides of carbon. Oxides of sulfur. Oxides of nitrogen. Aldehydes.  
Acids.

Unusual Fire or Explosion Hazards:  
None.

6. ACCIDENTAL RELEASE MEASURES

In Case of Spill or Leak:  
Soak up with inert absorbent. Store in closed container until  
disposal.

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#### 7. HANDLING AND STORAGE

##### Handling:

Do not swallow. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. especially before eating, drinking, smoking, and using restroom facilities. Wash contaminated goggles, faceshield, and gloves. Professionally launder contaminated clothing before reuse. Empty container precautions: Attention! This container can be hazardous when empty. Follow label cautions even after the container is empty since empty containers can contain product residues. Do not re-use empty containers for food, clothing, or products for human or animal consumption, or where skin contact can occur.

##### Storage:

Keep container tightly closed. Keep in a cool and well-ventilated area. Do not store above 89.6.F (32.C) Store in a cool, dry area.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

##### Engineering Controls:

Not normally needed. General room ventilation is usually adequate. Use local ventilation if heated above 100oF (38oC).

##### Eye/Face Protection:

Chemical splash goggles or safety glasses with side shields.

##### Skin Protection:

Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.

##### Respiratory Protection:

Use NIOSH approved respirator if there is potential to exceed any exposure limit(s).

See Section 2 COMPOSITION/INFORMATION ON INGREDIENTS for exposure limits

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Color: Blue exterior; white interior  
Material State: Putty  
Odor: Amine. Fishy  
Boiling point: Not available.  
pH: Not applicable.  
Solubility in Water: Insoluble  
Specific gravity: 1.9  
VOC: <19 g/l (0.9%)  
Vapor Pressure: Not available.  
Vapor density: Not available.  
Evaporation Rate: Not available.

HENKEL CONSUMER ADHESIVES  
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10. STABILITY AND REACTIVITY

Stability:

Stable.

Conditions to Avoid:

None known

Incompatibility:

None known

Hazardous Polymerization:

Will not occur.

Hazardous Decomposition Products:

None known

11. TOXICOLOGY INFORMATION

Product Toxicology Data:

Not available.

Ingredient	Carcinogen		
	NTP	IARC	OSHA
Talc	No	N/A	No
Sodium aluminum borosilicate	No	No	No
Polymercaptan hardener	No	No	No
Epoxy resin	No	No	No
Epoxy resin	No	No	No
Zinc sulfide	No	No	No
Polymeric phenolic amine	No	No	No
Epoxy hardener	No	No	No

Key to abbreviations:

IARC N/A - Not applicable.

Ingredient	Health Effects/Target organs
Talc	Irritant. Lung. Some evidence of carcinogenicity.
Sodium aluminum borosilicate	Allergen. Respiratory.
Polymercaptan hardener	Not available.
Epoxy resin	Allergen. Irritant.
Epoxy resin	Allergen. Irritant.
Zinc sulfide	Blood. Immune system. Irritant. Kidney. Metabolic. Pancreas. Respiratory.
Polymeric phenolic amine	No Records.
Epoxy hardener	Irritant. Allergen.

12. ECOLOGICAL INFORMATION

Ecological Information:

None known

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13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal:

Dispose according to EPA and local governmental regulations.

EPA Hazardous Waste Number:

Not applicable.

14. TRANSPORTATION INFORMATION

Domestic Transportation (D.O.T. 49 CFR)-GROUND

Shipping Description:

Not regulated

Exceptions:

Not applicable.

International Air Transportation (ICAO/IATA)-

Shipping description:

Not regulated.

Exceptions:

Not applicable.

Marine pollutant:

None known

15. REGULATORY INFORMATION

SARA Title III Section 313 Chemicals:

Zinc sulfide

SARA Title III Section 311/312:

Immediate health hazard

Toxic Substances Control Act:

All components are listed on or are exempt from listing on the Toxic Substances Control Act Inventory.

TSCA Section 12(b) annual:

None.

TSCA Section 12(b) one time:

None.

Canadian Inventory Status:

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

California Proposition 65:

This product contains no chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.

16. OTHER INFORMATION

NFPA Code:

Health: 1  
Flammability: 1  
Reactivity: 0  
Special: None

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HMIS Code:

Health: 1 \*

Flammability: 1

Reactivity: 0

Protective Equipment: See Section 8.

Prepared by: Regulatory Affairs 02/18/08 Rev 12/16/08, 3/09

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Emergency Contact: Chemtrec 1-800-424-9300