

Revision Date: 05/14/2007

Issue date: 05/14/2007

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Fixmaster Epoxy Concrete Repair Stick
Product type: Epoxy stick
Company address:
 Henkel Corporation
 1001 Trout Brook Crossing
 Rocky Hill, Connecticut 06067

Item No. : 39366 / IDH No. 678872
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>
Talc 14807-96-6	30-60	2 mg/m ³ TWA particulate matter containing no asbestos and <1% crystalline silica	= 20 mppcf TWA	50 ppm
Epichlorohydrin-4,4'-isopropylidene diphenol resin 25068-38-6	10-30	None	None	None
Calcium carbonate 1317-65-3	10-30	10 mg/m ³ TWA (particulate matter containing no asbestos and <1% crystalline silica)	15 mg/m ³ TWA total dust 5 mg/m ³ TWA respirable fraction	None
Polyether polymercaptan Unknown	10-30	None	None	None
Zinc sulfide 1314-98-3	1-5	None	None	None
Treated fumed silica 67762-90-7	1-5	10mg/m ³ Inhalable fraction, 3mg/m ³ Respirable fraction, TWA	5mg/m ³ Respirable dust, 15mg/m ³ Total dust	None
Phenol, 2,4,6-tris[(dimethylamino)methyl] 90-72-2	1-5	None	None	None

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state: Putty
Color: White / Bronze
Odor: Mercaptan, Sulfur

HMIS:

HEALTH: 2*
FLAMMABILITY: 1
PHYSICAL HAZARD: 0
Personal Protection: See Section 8

WARNING: MAY CAUSE ALLERGIC SKIN REACTION.
 MAY CAUSE EYE AND SKIN IRRITATION.

Relevant routes of exposure: Skin contact, Eye contact, Ingestion

Potential Health Effects

Inhalation: Not a hazard under normal conditions of use.
Skin contact: May cause skin irritation. May cause sensitization by skin contact.
Eye contact: Contact with eyes will cause irritation.
Ingestion: May cause gastrointestinal tract irritation if swallowed.

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

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See Section 11 for additional toxicological information.

4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. If symptoms develop and persist, get medical attention.
Skin contact:	Wash with soap and water. Get medical attention if symptoms occur.
Eye contact:	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
Ingestion:	Get medical attention if symptoms develop and persist.

5. FIRE-FIGHTING MEASURES

Flash point:	Product is a solid. Does not flash.
Autoignition temperature:	Not applicable
Flammable/Explosive limits-lower %:	Not applicable
Flammable/Explosive limits-upper %:	Not applicable
Extinguishing media:	Use dry chemical, CO2, water spray or `alcohol` foam.
Special fire fighting procedures:	Wear self-contained breathing apparatus and protective suit.
Unusual fire or explosion hazards:	May liberate large quantities of dense, foul-smelling smoke which may contain unidentified toxic gasses.
Hazardous combustion products:	Aldehydes. Acids. Acrid smoke and fumes. Sulfur containing gases.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Do not allow material to contaminate ground water system.
Clean-up methods:	Scrape up spilled material and place in a closed container for disposal.

7. HANDLING AND STORAGE

Handling:	Do not get in eyes. Do not get on skin or clothing. Wash thoroughly after handling.
Storage:	Store in original container until ready to use.
Incompatible products:	Refer to Section 10.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls:	Not normally needed. Ensure adequate ventilation.
Respiratory protection:	Not normally required.
Skin protection:	Chemical resistant, impermeable gloves.
Eye/face protection:	Safety goggles or safety glasses with side shields.

See Section 2 for exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Putty
Color:	White / Bronze
Item No. :	39366 / IDH No. 678872

Product name: Fixmaster Epoxy Concrete Repair Stick

Odor:	Mercaptan, Sulfur
Vapor pressure:	Not applicable
pH:	Not applicable
Boiling point/range:	Not applicable
Melting point/range:	Not determined
Specific gravity:	2.18
Vapor density:	Not applicable
Evaporation rate:	Not applicable
Solubility in water:	Insoluble.
Partition coefficient (n-octanol/water):	Not applicable
VOC content:	0%; 0 grams/liter

10. STABILITY AND REACTIVITY

Stability:	Stable.
Hazardous polymerization:	Will not occur.
Hazardous decomposition products:	Aldehydes. Acids. Oxides of carbon. Oxides of nitrogen. Oxides of sulfur.
Incompatibility:	None known.
Conditions to avoid:	None known.

11. TOXICOLOGICAL INFORMATION

Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Talc 14807-96-6	No	No	No
Epichlorohydrin-4,4'-isopropylidene diphenol resin 25068-38-6	No	No	No
Calcium carbonate 1317-65-3	No	No	No
Polyether polymercaptan Unknown	No	No	No
Zinc sulfide 1314-98-3	No	No	No
Treated fumed silica 67762-90-7	No	No	No
Phenol, 2,4,6- tris[(dimethylamino)methyl] 90-72-2	No	No	No

Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Talc 14807-96-6	Some evidence of carcinogenicity, Lung, Irritant
Epichlorohydrin-4,4'-isopropylidene diphenol resin 25068-38-6	Allergen, Irritant
Calcium carbonate 1317-65-3	Nuisance dust
Polyether polymercaptan Unknown	No data
Zinc sulfide 1314-98-3	Blood, Immune system, Irritant, Kidney, Metabolic, Pancreas, Respiratory, Gastrointestinal, Nervous System
Treated fumed silica 67762-90-7	Irritant
Phenol, 2,4,6- tris[(dimethylamino)methyl] 90-72-2	Allergen, Irritant

12. ECOLOGICAL INFORMATION

Ecological information: Not available

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose according to EPA and local governmental regulations.

EPA hazardous waste number: Not a RCRA hazardous waste.

14. TRANSPORT INFORMATION

The shipping classifications in this section 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/IMDG):

Proper shipping name:	Not regulated
Hazard class or division:	None
Identification number:	None
Packing group:	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:	None.
CERCLA/SARA Section 311/312:	Immediate Health Hazard
CERCLA/SARA 313:	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). Zinc sulfide (CAS# 1314-98-3).

California Proposition 65:	No California Proposition 65 listed chemicals are known to be present.
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Canada Regulatory Information

CEPA DSL/NDSL Status:	All components are listed on or are exempt from listing on the Domestic Substances List.
WHMIS hazard class:	D.2.B

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: 2, 11

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