



Revision Date: 01/20/2005

Issue date: 01/27/2005

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
Region: United States
Contact Information: Telephone: 860.571.5100, Emergency telephone: 860.571.5100, Internet: www.loctite.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

Table with 5 columns: Hazardous components, %, ACGIH TLV, OSHA PEL, OTHER. Lists ingredients like Talc, Epichlorohydrin-4,4'-isopropylidene diphenol resin, Calcium carbonate, etc.

3. HAZARDS IDENTIFICATION

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

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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.

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 suite.
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 gasses.

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.

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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
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	No Target Organs
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.

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: First issue.

Prepared by: Gary Pierson, Sr. Product Safety and Regulatory Affairs Specialist

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