



Revision Number: 003.2

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1. PRODUCT AND COMPANY IDENTIFICATION

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|-------------------------------|--|---------------------|----------------|
| Product name: | FIXMASTER FLOOR FILL 40 LB KIT | IDH number: | 702280 |
| Product type: | Epoxy resin | Item number: | 99365_10419000 |
| | | Region: | United States |
| Company address: | Contact information: | | |
| Henkel Corporation | Telephone: 860.571.5100 | | |
| One Henkel Way | MEDICAL EMERGENCY Phone: Poison Control Center | | |
| Rocky Hill, Connecticut 06067 | 1-877-671-4608 (toll free) or 1-303-592-1711 | | |
| | TRANSPORT EMERGENCY Phone: CHEMTREC | | |
| | 1-800-424-9300 (toll free) or 1-703-527-3887 | | |
| | Internet: www.henkelna.com | | |

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

| | | | |
|------------------------|--------|-----------------------------|--------------------|
| Physical state: | Liquid | HEALTH: | *3 |
| Color: | Gray | FLAMMABILITY: | 2 |
| Odor: | Sweet | PHYSICAL HAZARD: | 0 |
| | | Personal Protection: | See MSDS Section 8 |

WARNING: COMBUSTIBLE LIQUID AND VAPOR.
 CAUSES EYE AND SKIN IRRITATION.
 MAY CAUSE ALLERGIC SKIN AND RESPIRATORY REACTION.
 MAY BE HARMFUL IF SWALLOWED OR ABSORBED THROUGH SKIN.
 MAY CAUSE RESPIRATORY TRACT IRRITATION.

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

Potential Health Effects

Inhalation: Moderate respiratory tract irritation. Allergic respiratory reaction. Coughing. May cause central nervous system depression.

Skin contact: Severe skin irritation. May cause allergic skin reaction. May be harmful if absorbed through skin. Itching. Redness. Pain and discomfort. Swelling.

Eye contact: Severe eye irritation. Blurred vision. Pain and discomfort. Redness. Excess tearing. If left untreated, corneal damage can occur and injury is slow to heal.

Ingestion: May be harmful if swallowed. May cause gastrointestinal tract irritation if swallowed. May cause central nervous system depression.

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 |
| Butyl 2,3-epoxypropyl ether | 2426-08-6 | 10 - 30 |
| Titanium dioxide | 13463-67-7 | 0.1 - 1 |

4. FIRST AID MEASURES

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| Inhalation: | Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. |
| Skin contact: | Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and footwear. If symptoms develop and persist, get medical attention. Wash clothing before reuse. |
| Eye contact: | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention. |
| Ingestion: | DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Keep individual calm. Get medical attention. |

5. FIRE FIGHTING MEASURES

| | |
|--|---|
| Flash point: | > 74 °C (> 165.2 °F) Tagliabue closed cup |
| Autoignition temperature: | Not available. |
| Flammable/Explosive limits - lower: | Not available. |
| Flammable/Explosive limits - upper: | Not available. |
| Extinguishing media: | Water spray (fog), foam, dry chemical or carbon dioxide. |
| Special firefighting procedures: | Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. |
| Unusual fire or explosion hazards: | In case of fire, keep containers cool with water spray. May decompose above 149°C (300°F). May polymerize above 260°C (500°F) in which case closed containers may rupture or explode. Closed containers may rupture (due to build up of pressure) when exposed to extreme heat. |
| Hazardous combustion products: | Oxides of carbon. Aldehydes. Acids. Phenolics. Irritating organic fragments. |

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

| | |
|-----------------------------------|--|
| Environmental precautions: | Do not allow product to enter sewer or waterways. |
| Clean-up methods: | Remove all sources of ignition. Evacuate and ventilate spill area; dike spill to prevent entry into water system; wear full protective equipment during clean-up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Store in a closed container until ready for disposal. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. |

7. HANDLING AND STORAGE

| | |
|------------------|---|
| Handling: | Use only with adequate ventilation. During use and until all vapors are gone: Keep area ventilated - do not smoke; extinguish all flames, pilot lights, and heaters; turn off stoves, electrical tools and appliances, and any other sources of ignition. Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Do not taste or swallow. |
| Storage: | Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use. |

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

| Hazardous components | ACGIH TLV | OSHA PEL | AIHA WEEL | OTHER |
|--|--------------------------------------|-----------------------------|-----------|-------|
| Epichlorohydrin-4,4'-isopropylidene diphenol resin | None | None | None | None |
| Butyl 2,3-epoxypropyl ether | 3 ppm TWA (SKIN) (Sensitiser.) | 50 ppm (270 mg/m3) TWA | None | None |
| Titanium dioxide | 10 mg/m3 TWA | 15 mg/m3 TWA Total dust. | None | None |

Engineering controls:

Use explosion-proof mechanical ventilation and local exhaust to control contaminants to within their occupational exposure limits during the use of this product.

Respiratory protection:

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

Eye/face protection:

Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists.

Skin protection:

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

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| Physical state: | Liquid |
| Color: | Gray |
| Odor: | Sweet |
| Odor threshold: | Not available. |
| pH: | Not available. |
| Vapor pressure: | 0 mm hg (20 °C (68°F)) |
| Boiling point/range: | Not available. |
| Melting point/ range: | Not available. |
| Specific gravity: | 1.1299 |
| Vapor density: | > 1 |
| Flash point: | > 74 °C (> 165.2 °F) Tagliabue 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: | Insoluble |
| Partition coefficient (n-octanol/water): | Not available. |
| VOC content: | < 1.0 %; < 10 g/l (value for resin and hardener together) (estimated) |

10. STABILITY AND REACTIVITY

| | |
|--|---|
| Stability: | Stable |
| Hazardous reactions: | Will not occur. |
| Hazardous decomposition products: | None |
| Incompatible materials: | Strong oxidizing agents. Strong acids and strong bases. Strong Lewis acids. Strong mineral acids. Amines. |
| Conditions to avoid: | Heat, flames, sparks and other sources of ignition. Excessive heat. Store away from incompatible materials. |

11. TOXICOLOGICAL INFORMATION

| Hazardous components | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|--|----------------|-----------------|---|
| Epichlorohydrin-4,4'-isopropylidene diphenol resin | No | No | No |
| Butyl 2,3-epoxypropyl ether | No | No | No |
| Titanium dioxide | No | Group 2B | No |

| Hazardous components | Health Effects/Target Organs |
|--|--|
| Epichlorohydrin-4,4'-isopropylidene diphenol resin | Allergen, Irritant |
| Butyl 2,3-epoxypropyl ether | Irritant, Allergen, Central nervous system, Liver, Mutagen |
| Titanium dioxide | Irritant, Respiratory, Some evidence of carcinogenicity |

12. ECOLOGICAL INFORMATION

Ecological information: Not available.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of according to Federal, State and local governmental regulations.

Hazardous waste number: Not a RCRA hazardous waste.

14. TRANSPORT INFORMATION

The shipping classifications in this sections 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 above reporting de minimus
CERCLA/SARA Section 302 EHS: None above reporting de minimus
CERCLA/SARA Section 311/312: Immediate Health, Delayed Health
CERCLA/SARA 313: None above reporting de minimus

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:

One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-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: 1

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