



Revision Date: 04/30/2007

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: FIXMASTER AGGREGATE
Product type: Cementitious
Company address: Henkel Corporation
1001 Trout Brook Crossing
Rocky Hill, Connecticut 06067

Item No. : 1012621_1109337 / IDH No. 1012621
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>
Silica, quartz 14808-60-7	60-100	0.025 mg/m ³ TWA respirable fraction	0.1mg/m ³ TWA (respirable)	None
Magnesium oxide 1309-48-4	10-30	10 mg/m ³ TWA	15 mg/m ³ TWA total particulate	None

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state: Powder	HEALTH: 1*
Color: Grey	FLAMMABILITY: 0
Odor: None	PHYSICAL HAZARD: 0
	Personal Protection: See Section 8

CAUTION: MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

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

Potential Health Effects

Inhalation: May cause respiratory tract irritation. Shortness of breath. Coughing.
Skin contact: Contact may dry the skin; prolonged contact may cause moderate irritation. Prolonged contact with skin may cause dermatitis.
Eye contact: May cause irritation. Excess tearing. Redness.
Ingestion: Not expected under normal conditions of use.

Existing conditions aggravated by exposure: Respiratory disorders. Lung disorders.

See Section 11 for additional toxicological information.

4. FIRST AID MEASURES

Inhalation:	Remove to fresh air.
Skin contact:	Remove contaminated clothing and shoes. Immediately flush skin with plenty of water (using soap, if available). Wash clothing before reuse.
Eye contact:	Immediately flush eyes with plenty of water for at least 15 minutes. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
Ingestion:	Get medical attention if symptoms develop and persist.
Notes to physician:	None.

5. FIRE-FIGHTING MEASURES

Flash point:	Does not flash.
Autoignition temperature:	Not available
Flammable/Explosive limits-lower %:	Not available
Flammable/Explosive limits-upper %:	Not available
Extinguishing media:	The product itself does not burn.
Special fire fighting procedures:	None
Unusual fire or explosion hazards:	None
Hazardous combustion products:	Silicon tetrafluoride. Acrid smoke and fumes.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Prevent product from entering drains or open waters.
Clean-up methods:	Ventilate area. Sweep up spilled material. Avoid creating dust. Store in a closed container until ready for disposal.

7. HANDLING AND STORAGE

Handling:	Avoid contact with eyes, skin and clothing.
Storage:	Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.
Incompatible products:	Not available

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls:	Use local exhaust ventilation to maintain airborne concentrations below established exposure limits.
Respiratory protection:	Use a NIOSH approved air-purifying respirator if the potential to exceed established exposure limits exists.
Skin protection:	Chemical resistant, impermeable gloves. Long sleeved clothing.
Eye/face protection:	Chemical splash goggles or safety glasses with side shields.

See Section 2 for exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

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Product name: FIXMASTER AGGREGATE

Physical state: Powder
Color: Grey
Odor: None
Vapor pressure: Nil
pH: Not applicable
Boiling point/range: 2046°C (3715°F)
Melting point/range: 1538°C (2800°F)
Specific gravity: 2.65-2.85
Vapor density: Nil
Evaporation rate: 0
Solubility in water: Practically not soluble
Partition coefficient (n-octanol/water): Not available
VOC content: <1.0%; <10 grams/liter (value as mixed for use) (estimated)

10. STABILITY AND REACTIVITY

Stability: Stable.
Hazardous polymerization: Will not occur.
Hazardous decomposition products: Silicon tetrafluoride. Acrid smoke and fumes.
Incompatibility: Strong oxidizing agents. Strong acids. Strong oxidizers. Halogenated compounds. Aluminum.
Conditions to avoid: Storage with incompatible materials.

11. TOXICOLOGICAL INFORMATION

Product toxicity data: Not available

Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Silica, quartz 14808-60-7	Known Carcinogen	Group 1	Yes
Magnesium oxide 1309-48-4	No	No	No

Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Silica, quartz 14808-60-7	Some evidence of carcinogenicity, Lung, Immune system
Magnesium oxide 1309-48-4	Blood, Central nervous system, Immune system, Irritant

12. ECOLOGICAL INFORMATION

Ecological information: Not known

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

U.S. Department of Transportation Ground (49 CFR):

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

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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
Marine pollutant: 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, Delayed Health Hazard
CERCLA/SARA 313: None above reporting de minimus.

California Proposition 65: This product contains a chemical known to the State of California to cause cancer.

Canada Regulatory Information

CEPA DSL/NDL Status: All components are listed on or are exempt from listing on the 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 information added in section(s): 15

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

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