

# Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard (HCS), 29 CFR 1910, 1200. Standard must be consulted for specific requirements.

HMIS SYMBOL		HMIS	NFPA	NFPA RATING	
HEALTH	1	SEVERE	4	EXTREME	FIRE
FLAMMABILITY	0	SERIOUS	3	HIGH	REACTIVITY
REACTIVITY	0	MODERATE	2	MODERATE	TOXICITY
		SLIGHT	1	SLIGHT	SPECIAL
		MINIMAL	0	INSIGNIFICANT	

	<b>Evaluation for OSHA HCS</b> <input type="checkbox"/> Hazardous <input checked="" type="checkbox"/> Non-Hazardous
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**I. GENERAL INFORMATION**    NE = Not Established; NA = Not Applicable

<b>Product Name</b> enMAGIC White/Gray	<b>Emergency Chem-Tel #</b> 1-800-255-3924
<b>Chemical Name</b> CALCIUM COMPOUNDS AND SILICA	<b>Telephone Number for Information</b> 1-866-906-2006
<b>CAS #<sup>s</sup></b> 14808-60-7, 65997-15-1	<b>Date Prepared:</b> DECEMBER 2, 2004
<b>Manufactured for</b> enCOUNTER 121 NE 40 <sup>th</sup> Street Oklahoma City, OK 73105	<b>Signature of Preparer:</b> LISA L. SALMI
	<b>Date Last Revised:</b> NONE

**II. HAZARDOUS COMPONENTS**    NE = Not Established; NA = Not Applicable

Principal Hazardous Components	OSHA PEL
CRYSTALLINE SILICA 14808-60-7      54-55%	10 mg / M <sup>3</sup>
PORTLAND CEMENT 65997-15-1      44-45%	5 mg / M <sup>3</sup>

**III. PHYSICAL DATA**    NE = Not Established; NA = Not Applicable

<b>Bulk Density (kg/m<sup>3</sup>)</b>	N/A	<b>pH (in water)</b>	12-13
<b>Specific Gravity (H<sub>2</sub>O=1) in g/cc</b>	2.87	<b>Percent Volatile By Volume (%)</b>	0
<b>Solubility in Water (g/ml)</b>	INSOLUBLE	<b>Evaporation Rate (H<sub>2</sub>O=1)</b>	NA

<b>D.O.T. 49 CFR Info</b>	NOT HAZARDOUS
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**Appearance** WHITE OR GREY POWDER  
**Color** WHITE OR GREY  
**Odor** NONE  
**Melt Point / Freeze Point (°F/°C)** MELT >2800° F / 1539°C    FREEZE NA

**Flash Point (Test Method):** NOT FLAMMABLE

<b>Flammable Limits:</b> NOT FLAMMABLE	<b>LEL</b> NA	<b>UEL</b> NA
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**Extinguishing Media:** NO FIRE OR EXPLOSIVE DANGER

**Special Fire Fighting Procedures:** NONE

**Unusual Fire & Explosion Hazards:** NONE

**V. HEALTH HAZARD DATA** NE = Not Established; NA = Not Applicable

**OSHA PEL**

10 mg / M<sup>3</sup>

**ACGIH TLV**

10 mg / M<sup>3</sup>

**Carcinogen - NTP**

NO

**Carcinogen - IARC**

NO

**Effects of Over Exposure:** IRRITATION TO RESPIRATORY TRACT, EYES AND SKIN. LONG TERM OVEREXPOSURE TO SILICA DUST HAS BEEN ASSOCIATED WITH SILICOSIS. PROPER HANDLING USE OF RECOMMENDED PPE SHOULD PRECLUDE ANY OF THE ABOVE.

**Medical Conditions Aggravated by Exposure:** NE

**Primary Route(s) of Entry:** SKIN, EYES, INHALATION

**Emergency First Aid:** FLUSH EXPOSED AREA THOROUGHLY WITH CLEAN WATER, SEEK MEDICAL ATTENTION IF NECESSARY

**VI. REACTIVITY DATA** NE = Not Established; NA = Not Applicable

**Stability**

Unstable  Stable

**Conditions to Avoid:**

UNINTENTIONAL CONTACT WITH WATER. CONTACT WITH WATER WILL RESULT IN HYDRATION AND PRODUCES CAUSTIC CALCIUM HYDROXIDE.

**Incompatibility**

**Materials to Avoid:**

ACIDS, AMMONIUM SALTS, ALUMINUM METAL

**Hazardous Polymerization**

Yes  No

**Conditions to Avoid:**

NONE

**Hazardous Decomposition Products:** NONE

**VII. ENVIRONMENTAL PROTECTION PROCEDURES** NE = Not Established; NA = Not Applicable

**Spill Response:** USE DRY CLEAN-UP METHODS WHICH DO NOT DIPERSE DUST INTO THE AIR OR ENTRY INTO SURFACE WATER. MATERIAL CAN BE USED IF NOT CONTAMINATED. PLACE IN AN APPROPRIATE CONTAINER FOR DIPOSAL. USE PPE WHEN CLEANING UP SPILLS.

**Waste Disposal Method:** COMPLY WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS FOR DISPOSAL OF UNUSABLE OR CONTAMINATED MATERIALS. DISPOSE OF PACKAGING AND CONTAINERS ACCORDING TO LOCAL STATE AND FEDERAL REGULATIONS.

**VIII. SPECIAL PROTECTION INFORMATION** NE = Not Established; NA = Not Applicable

**Eye Protection:** WEAR SAFETY GLASSES WITH SIDE SHIELDS OR GOGGLES TO AVOID CONTACT WITH EYES. IN EXTREMELY DUSTY OR UNPREDICTABLE ENVIRONMENTS, WEAR TIGHT FITTING VENTED GOGGLES. CONTACT LENSES SHOULD NOT BE WORN WHEN HANDLING THIS PRODUCT.

**Skin Protection:** WEAR IPERVIOUS ABRASION AND ALKALI RESISTANT GLOVES, BOOTS, LONG SLEEVED SHIRT, LONG PANTS OR OTHER PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT. PROMPTLY REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. IF CONTACT OCCURS, WASH WITH MILD SOAP AND WATER.

**Respiratory Protection (Specific Type):** USE LOCAL EXHAUST AND GENERAL VENTILATION CONTROL TO CONTROL DUST LEVELS BELOW APPLICABLE EXPOSURE LIMITS. MINIMIZE DISPERSAL OF DUST INTO AIR. IF VENTILATION IS NOT AVAILABLE, USE NIOSH / MSHA APPROVED RESPIRATORS.

**Ventilation Recommended:**

- General Mechanical
- Local Exhaust

**Other Protection:**

**Hygienic Practices in Handling & Storage:** CLEAN UP ALL WORK AREAS AND TOOLS. DISPOSE OF BAGS / CONTAINERS PROMPTLY.

**Other Precautions:**

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