

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	

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

Product Name enCOUNTER GRAY/WHITE	Emergency Chem-Tel # 1-800-255-3924
Chemical Name CALCIUM COMPOUNDS, KAOLIN, LIMESTONE AND SILICA	Telephone Number for Information 1-866-906-2006
CAS # ^s 14808-60-7, 65997-15-1, 1332-58-7	Date Prepared: DECEMBER 2, 2004
Manufactured for enCOUNTER 121 NE 40th Street Oklahoma City, OK 73105	Signature of Preparer: LISA L. SALMI Date Last Revised: NONE

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

Principal Hazardous Components	OSHA PEL
CRYSTALLINE SILICA 14808-60-7 44-45%	10 mg / M ³
PORTLAND CEMENT 65997-15-1 22-23%	5 mg / M ³
KAOLIN 1332-58-7 2%	10 mg / M ³

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

Bulk Density (kg/m ³)	N/A	pH (in water)	12-13
Specific Gravity (H ₂ O=1) in g/cc	2.95	Percent Volatile By Volume (%)	0
Solubility in Water (g/ml)	INSOLUBLE	Evaporation Rate (H ₂ O=1)	NA

D.O.T. 49 CFR Info NOT HAZARDOUS

Appearance **WHITE OR GREY POWDER WITH WHITE CHIPS.**
 Color **WHITE OR GREY**
 Odor **NONE**
 Melt Point / Freeze Point (°F/°C) **NA**

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

Flammable Limits: NOT FLAMMABLE	LEL NA	UEL 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 / M³

ACGIH TLV

10 mg / M³

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: RESPIRATORY CONDITIONS MAY BE AGGRAVATED BY EXPOSURE TO DUST. DO NOT WEAR CONTACT LENSES WHEN HANDLING THIS PRODUCT.

Primary Route(s) of Entry: SKIN, EYES, RESPIRATORY TRACT

Emergency First Aid: FLUSH EXPOSED AREA VERY 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. AVOID INHALATION OF DUST.

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. WEAR ALL RECOMMENDED PPE WHEN HANDLING. STORE IN DRY LOCATION, AMBIENT TEMPERATURE.

Other Precautions:

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