



UltraMortar S

MATERIAL SAFETY DATA SHEET

TRANSPORTATION EMERGENCY

CALL CHEMTREC: 800-424-9300
INTERNATIONAL: 703-527-3887

NON-TRANSPORTATION

ULTRAKOTE EMERGENCY PHONE: (602) 272-5830
ULTRAKOTE INFORMATION PHONE: (602) 272-5830

1. CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT NAME.....: UltraMortar S
 PRODUCT CODE.....: 108300900
 CHEMICAL FAMILY.....: Cement and Silica Mix
 CHEMICAL NAME.....: Cementitious Mortar
 SYNONYMS.....: Type S Masonry Mortar, Masonry Mix

2. COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENT NAME	CAS NUMBER	TLV-PEL EXPOSURE LIMIT	BY WEIGHT
Calcium Hydroxide	1305-62-0	5.0 mg/m ³	<15.0%
Magnesium Hydroxide	1309-42-8	N.E.	<5.0%
Silica, Quartz	14808-60-7	0.1 mg/m ³	<75.0%
Portland Cement	65997-15-1	15.0 mg/m ³	<25.0%
Smectite Clay	12199-37-0	N.E.	<5.0%

3. HAZARDS IDENTIFICATION:

POTENTIAL HEALTH EFFECTS:

ROUTE(S) OF ENTRY.....: Inhalation; Skin Contact; Eye Contact; Ingestion.

HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE:

ACUTE INHALATION.....: May cause respiratory tract irritation.

CHRONIC INHALATION.....: This product contains silicon dioxide (quartz) which has been listed as a suspected human carcinogen by NTP and IARC.

ACUTE SKIN CONTACT.....: May cause irritation.

CHRONIC SKIN CONTACT.....: This product contains silicon dioxide (quartz) which has been listed as a suspected human carcinogen by NTP and IARC.

ACUTE EYE CONTACT.....: May cause irritation.

CHRONIC EYE CONTACT.....: Severely irritating. If not removed promptly, will injure eye tissue, which may result in permanent damage.

ACUTE INGESTION.....: Irritating to mouth, throat and stomach.

CHRONIC INGESTION.....: Irritating to mouth, throat and stomach.

CARCINOGENICITY.....: This product contains silicon dioxide (quartz) which has been listed as a suspected human carcinogen by NTP and IARC.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None Known

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4. FIRST AID MEASURES:

FIRST AID FOR EYES.....: Flush eye with water for 15 minutes. Get medical attention.

FIRST AID FOR SKIN.....: Remove contaminated clothing and shoes. Wash affected area(s) thoroughly with soap and water. If irritation persists, seek medical attention.

FIRST AID FOR INHALATION...: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

FIRST AID FOR INGESTION: If swallowed, DO NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center Immediately. Never give anything by mouth to an unconscious person. Should vomiting occur, be sure to keep victims head below hips to avoid aspiration of vomit into lungs.

NOTES TO PHYSICIAN.....: None

5. FIRE FIGHTING MEASURES:

FLASH POINT:: N.A.

FLAMMABLE LIMITS.....: UPPER EXPLOSIVE LIMIT (UEL)(%): N.A.
LOWER EXPLOSIVE LIMIT (LEL)(%): N.A.

AUTO-IGNITION TEMPERATURE:.....: N.A.

EXTINGUISHING MEDIA:.....: CO₂, Dry Chemical, Water, Fog

SPECIAL FIRE FIGHTING PROCEDURE...: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA / NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES:

SPILL OR LEAK PROCEDURES.: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Ventilate area. Wear appropriate protection. Do not discharge to lakes, streams, ponds, or sewer.

7. HANDLING AND STORAGE:

STORAGE TEMPERATURE (MIN/MAX).....: N.A.

SHELF LIFE.....: 12 Months or greater in dry cool conditions.

SPECIAL SENSITIVITY.....: N.A.

HANDLING/STORAGE PRECAUTIONS.....: Use only in ventilated area. If user operations generate dust, fume, or mist, use ventilation to keep exposure limited. Keep container closed.

8. PERSONAL PROTECTION:

REQUIRED WORK/HYGIENE PROCEDURES.: Do not take internally. Wash thoroughly after handling. Remove contaminated clothing and and wash before reuse. Avoid contact with eyes, skin, and clothing.

EYE PROTECTION REQUIREMENTS.....: Chemical safety goggles and face shield.

SKIN PROTECTION REQUIREMENTS.....: Chemical resistant gloves.

VENTILATION REQUIREMENTS.....: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

RESPIRATOR REQUIREMENTS.: Wear NIOSH/MSHA approved respiratory protection when the product is mixed or applied in a poorly ventilated area or if workplace levels of ingredients exceed the TLV. Follow state and local regulations.

9. PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL FORM.....: Powdered solid

COLOR.....: Gray

ODOR.....: N.A.

ODOR THRESHOLD.....: N.A.

MOLECULAR WEIGHT.....: N.A.

pH: 12.0—14.0 (wet)

BOILING POINT.....: N.A.

MELTING/FREEZING POINT.....: N.A.

VISCOSITY.....: N.E.

SOLUBILITY IN WATER: Slight < 0.1%

SPECIFIC GRAVITY: 2.6730

VAPOR PRESSURE: N.A.

VAPOR DENSITY: is heavier than air.

VOC BY WEIGHT: 0.0 lbs/gal, 0.0 grams/liter

10. STABILITY AND REACTIVITY:

STABILITY.....: This product is stable under normal storage conditions.

HAZARDOUS POLYMERIZATION.: Will not occur under normal conditions.

INCOMPATIBILITIES.....: Avoid contact with oxidizers, strong acid, or bases.

INSTABILITY CONDITIONS.....: No information.

DECOMPOSITION PRODUCTS.....: No information.

11. TOXICOLOGICAL INFORMATION:

ACUTE TOXICITY

ORAL LD50.....: Calcium Hydroxide 7340 mg/kg
Magnesium Hydroxide 8500 mg/kg

DERMAL LD50.....: Not Determined.

INHALATION LC50.....: Not Determined.

EYE EFFECTS.....: Not Determined.

SKIN EFFECTS.....: Not Determined.

SENSITIZATION.....: Not Determined.

OTHER ACUTE EFFECTS.....: Not Determined.

OTHER TOXICITY DATA.....: Not Determined.

12. ECOLOGICAL INFORMATION:

NO ECOLOGICAL INFORMATION AVAILABLE.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD.....: Waste must be disposed of in accordance with state and local control regulations.

14. TRANSPORTATION INFORMATION:

TECHNICAL SHIPPING NAME.....: Dry Mortar Mix.

FREIGHT CLASS BULK.....: N.A.

FREIGHT CLASS PACKAGE.....: N.A.

PRODUCT LABEL.....: N.A.

DOT (DOMESTIC SURFACE)

PROPER SHIPPING NAME.....: Dry Mortar Mix.

HAZARD CLASS OR DIVISION: N.A.

UN/NA NUMBER.: N.A.

PACKING GROUP.....: N.A.

DOT PRODUCT RQ lbs (kgs).....: N.A.

HAZARD LABEL(s).....: N.A.

HAZARD PLACARD(s).....: N.A.

14. TRANSPORTATION INFORMATION: (Continued)

IMO / IMDG CODE (OCEAN)

HAZARD CLASS DIVISION NUMBER.....: N.A.

ICAO / IATA (AIR)

HAZARD CLASS DIVISION NUMBER.....: N.A.

15. REGULATORY INFORMATION:

OSHA STATUS.....: Hazardous by definition of Hazard Communication Standard
(29 CFR 1910.1200)

TSCA STATUS.....: This product contains chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

SARA TITLE III

SECTION 302

EXTREMELY HAZARDOUS MATERIAL.....: None

SECTION 311/312

HAZARD CATEGORIES.....: None

SECTION 313

TOXIC CHEMICALS.....: No SARA Section 313 components exist in this product.

<u>COMPONENT NAME</u>	<u>CAS NUMBER</u>	<u>CONCENTRATION</u>	<u>STATE CODE</u>
Silica, quartz	14808-60-7	<65.0%	CA, MA

CALIFORNIA PROPOSITION 65

WARNING: The chemical (s) noted above are contained in this product are known to the state of California to cause cancer, birth defects, or other reproductive harm.

MASSACHUSETTS SUBSTANCE LIST (MSL)

Hazardous Substances and Extraordinarily Hazardous Substances on the MSL must be identified when present in products. To the best of our knowledge, this product contains substances listed above, at a level which could require reporting under the statute.

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16. OTHER INFORMATION:

HMIS RATINGS: Health Flammability Reactivity
 2* 0 1

0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

* = Chronic Health Hazard

ULTRAKOTE method of hazard communication is comprised of Product Labels and Material Safety Data Sheets. HMIS ratings are provided by ULTRAKOTE as a customer service.

REASON FOR ISSUE.....: REVISION OF FORMAT

PREPARED BY.....: A.D.Skelhorn.

ISSUE DATE.....: 11/17/2006

SUPERSEDES DATE.....: 02/02/2000

MSDS NUMBER.: 108300900

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Approval date: 11/17/2006