

**Material Safety Data Sheet**

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

**U.S. Department of Labor**

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY (as Used on Label and List)  
**EMSER- CORDOVA SERIES GLAZED CERAMIC**

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

**Section I**

Manufacturer's name <b>EMSER TILE</b>	Emergency Telephone Number <b>323.650.2000</b>
Address (Number, Street, City, State and ZIP Code) <b>8431 Santa Monica Blvd</b> <b>Los Angeles, CA 90069</b>	Telephone Number for Information <b>323.650.2000</b>
	Date Prepared <b>6/25/10</b>
	Signature of Preparer (optional)

**Section II—Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
<b>Aluminum Oxide</b>	<b>30 / %Al<sub>2</sub>O<sub>3</sub></b>	<b>.15</b>	<b>N/A</b>	<b>14% -17%</b>
<b>Silica</b>	<b>85 / %SiO<sub>2</sub></b>	<b>.10</b>	<b>N/A</b>	<b>70%- 74%</b>

**Section III—Physical/Chemical Characteristics**

Boiling Point	<b>N/A</b>	Specific Gravity (H <sub>2</sub> O = 1)	<b>1.75-2.93</b>
Vapor Pressure (mm Hg)	<b>N/A</b>	Melting Point	<b>&gt;2000 *F</b>
Vapor Density (AIR = 1)	<b>N/A</b>	Evaporation Rate (Butyl Acetate = 1)	<b>N/A</b>
Solubility in Water	<b>INSOLUBLE</b>		
Appearance and Odor	<b>STABLE SOLID TILE / VARIOUS COLORS / ODORLESS</b>		

**Section IV—Fire and Explosion Hazard Data**

Flash Point (Method Used)	<b>N/A</b>	Flammable Limits	<b>N/A</b>	LEL	<b>N/A</b>	UEL	<b>N/A</b>
Extinguishing Media	<b>N/A</b>						
Special Fire Fighting Procedures	<b>N/A</b>						
Unusual Fire and Explosion Hazards	<b>NON-FLAMMABLE</b>						
	<b>N/A</b>						

(Reproduce locally)

OSHA 174

**Section V—Reactivity Data**

Stability	Unstable	<b>NO</b>	Conditions to Avoid
<b>STABLE IN CURRENT FORM</b>	Stable	<b>YES</b>	<b>AVOID CONTACT WITH ACIDS</b>
Incompatibility (Materials to Avoid)	<b>AVOID CONTACT WITH ACIDS</b>		
Hazardous Decomposition or Byproducts	<b>THESE PRODUCTS DO NOT RELEASE HAZARDOUS MATERIALS</b>		
Hazardous Polymerization	May Occur	<b>NO</b>	Conditions to Avoid
<b>N/A</b>	Will Not Occur	<b>YES</b>	<b>N/A</b>

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**Section VI—Health Hazard Data**

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Route(s) of Entry                      Inhalation? **YES**                      Skin? **YES**                      Ingestion? **NO**

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Health Hazards (*Acute and Chronic*)

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**ACUTE- EXCESSIVE EXPOSURE TO DUST CAN IRRITATE SKIN, EYES, OR LUNGS. INGESTION N/A FOR STABLE TILE  
CHRONIC- N/A FOR STABLE TILE. LONG TERM EXPOSURE TO SILICA DUST MAY RESULT IN SILICOSIS OR OTHER AIRWAY  
DISEASES AS WELL AS OTHER ADVERSE HEALTH EFFECTS.**

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Carcinogenicity                      NTP? **YES**                      IARC Monographs? **YES**                      OSHA Regulated? **YES**

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Signs and Symptoms of Exposure

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**EXCESSIVE EXPOSURE TO SILICA DUST MAY CAUSE EYE, SKIN, AND LUNG IRRITATION AS WELL AS TROUBLE  
BREATHING, AND EARLY FATIGUE**

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Medical Conditions Generally Aggravated by Exposure

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**EXISTING LUNG CONDITIONS**

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Emergency and First Aid Procedures

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**EYES- FLUSH WITH WATER OR USE EYE WASHING STATION, SKIN- WASH THOUROUGHLY WITH CLEAN WATER,  
INHALATION-MOVE TO FRESH AIR OR VENTILATED SPACE/ RESPIRATOR MAY BE NECESSARY IF BREATHING HAS  
STOPPED/ SEEK MEDICAL ATTENTION, INGESTION- NOT APPLICABLE**

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**Section VII—Precautions for Safe Handling and Use**

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Steps to Be Taken in Case Material Is Released or Spilled

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**WET CUTTING, GRINDING AND SANDING METHODS REDUCE DUST GENERATION. RESPIRATORY PROTECTION IS NEEDED  
TO PREVENT INHALATION. PROPER EYE PROTECTION REQUIRED**

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Waste Disposal Method

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**FOLLOW FEDERAL, STATE, AND/OR LOCAL REGULATIONS FOR DISPOSING OF CONSTRUCTION MATERIALS**

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Precautions to Be Taken in Handling and Storing

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**AVOID CONTACT WITH ACIDS**

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Other Precautions

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**SAFETY GLASSES, GLOVES AND OTHER PERSONAL PROTECTION SHOULD BE WORN TO PROTECT AGAINST SHARP  
EDGES WHEN CUTTING**

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**Section VIII—Control Measures**

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Respiratory Protection (*Specify Type*) **USE NIOSH/MSHA APPROVED RESPIRATOR**

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Ventilation	Local Exhaust <b>CUT TILE IN WELL VENTILATED AREA</b>	Special <b>N/A</b>
	Mechanical ( <i>General</i> ) <b>CUT TILE IN WELL VENTILATED AREA</b>	Other <b>N/A</b>

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Protective Gloves **COTTON,LEATHER, OR OTHER MATERIAL  
CAN BE WORN FOR PERSONAL PROTECTION OF SKIN**

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Eye Protection **GOGGLES OR SAFETY GLASSES**

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Other Protective Clothing or Equipment **PERSONAL PROTECTIVE CLOTHING IS BASED ON GENERAL RECOMMENDATIONS. KEEP  
SKIN AND CLOTHING, SEEK PROFESSIONAL ASSISTANCE IN SPECIAL CIRCUMSTANCES**

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**Section IX— Regulatory Section**

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Title 22 Division 2 California Code of Regulation Proposition 65- **This product contains chemicals known to the state of California to cause  
cancer and reproductive toxicity**

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DOT- Department of Transportation Regulations- **N/A**

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TSCA - Toxic Substance Control Act- **This product is listed under TSCA and is subject to applicable provisions and restrictions under  
TSCA 40 CFR Section 721 and 723.250**

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SARA Reporting- **Tile contains <.1% of recordable SARA 13 elements: Antimony, Barium, Beryllium, Cadmium, Cobalt, Chromium,  
Nickel, and Zinc**

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