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COMPANY

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## MATERIAL SAFETY DATA SHEET

CREATED: January 20, 2011  
EMERGENCY CHEMTREC: 1-800-424-9300

### \*\*\* SECTION I PRODUCT INFORMATION \*\*\*

**PRODUCT NAME:** SERIES 108 Euro Blend  
**CHEMICAL DESCRIPTION:** CEMENT MORTAR (PORTLAND), LIME, SILICA  
**FORMULA: #108 INGREDIENTS:**

<u>FINE SAND (QUARTZ):</u>	50.00%
	CAS: 14808-60-7
<u>FILLER CALCIUM CARBONATE 54:</u>	20.00%
LIMESTONE	CAS: 1317-65-3
QUARTZ	CAS: 140808-60-7
<u>MELMENT F-10:</u>	0.50%
SODIUM SULFATE	CAS: 7757-82-6
FORMALDEHYDE	CAS: 50-00-0
<u>DENSITE K:</u>	2.00%
	CAS: 7778-18-9
<u>CALCIUM FORMATE:</u>	1.00%
	CAS: 544-17-2
<u>POLYMER 2101:</u>	1.00%
SILICA CRYSTALLINE	CAS: 14808-60-7
ACETALDEHYDE	CAS: 75-07-0
<u>SEAL 80:</u>	1.00%
	CAS: 2943.75-1
<u>PORTLAND CEMENT WHITE:</u>	24.50%
	CAS: 65997-15-1

**NOTE:** Previous air monitoring during employee exposure to this product has indicated typical airborne respirable quartz fractions of up to 2%.

**IVL:** Threshold limit value established by the American Conference of Governmental Industrial Hygienists, 1906-08.

### \*\*\* SECTION II HAZARDOUS INGREDIENTS/EXPOSURE LIMITS \*\*\*

<u>INGREDIENT</u>	<u>PERCENT</u>	<u>CAS#</u>	<u>CARCINOGEN</u>		
			<u>TLV</u>	<u>PEL</u>	<u>Y/N</u>
none					



\*\*\* SECTION III PHYSICAL DATA \*\*\*

**APPEARANCE:** Fine, gray powder mixed with sand and copolymer.

**ODOR:** N/A

**VAPOR PRESSURE:** (mm OF Hg.): 17 N/A

**VAPOR DENSITY (AIR=1):** N/A

**SPECIFIC GRAVITY (WATER=1):** 2.6-3.0

**VOLATILE BY WEIGHT:** 0

**SOLUBILITY IN WATER:** SLIGHT (0.1-1.0%)

**EVAPORATION RATE (WATER=1):** N/A

\*\*\* SECTION IV FIRE AND EXPLOSION HAZARD DATA \*\*\*

**FLASHPOINT(F/C) [CLOSED CUP]:** Non combustible

**FLAMMABLE LIMIT:**

-LEL	N/A
-UEL	N/A

**EXTINGUISHING MEDIA:** N/A

**SPECIAL FIRE FIGHTING PROCEDURES:** N/A

**UNUSUAL FIRE & EXPLOSION HAZARDS:** N/A

\*\*\* SECTION V HEALTH HAZARD DATA \*\*\*

**THRESHOLD LIMIT VALUE:** Respirable dust --- IVL 10mg/m<sup>3</sup>

**EFFECTS OF OVEREXPOSURE:**

**INHALATION:** Irritating to nose, throat and lungs.

**SKIN CONTACT:** Irritating upon repeated and prolonged contact.

**EYE CONTACT:** Moderately irritating.

**EMERGENCY AND FIRST AID PROCEDURES:**

**INHALATION:** Move subject to fresh air if symptoms occur. If breathing is difficult give oxygen, consult a Physician. If breathing has stopped, immediately give oxygen and send for medical assistance.

**EYES/SKIN CONTACT:** Flush eyes with large amounts of water for at least 15 minutes. See Physician if irritation persists. Wash affected skin area with soap and water.

\*\*\* SECTION VI PHYSICAL HAZARDS – REACTIVITY DATA \*\*\*

**STABILITY** - Stable.

**CONDITIONS TO AVOID IF UNSTABLE:** N/A

**INCOMPATIBLE (MATERIALS TO AVOID):** Highly Alkaline. Strong acids may cause violent, exothermic reaction, evolve toxic gases/vapors, depending on type of acid.

**HAZARDOUS DECOMPOSITION PRODUCTS:** N/A

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID UNCONTROLLED POLYMERIZATION: N/A**

**\*\*\*SECTION VII STORAGE, HANDLING, SPILL AND DISPOSAL PROCEDURES  
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Precautions to be taken in handling and storage: Store in manner to prevent contact with strong acids. Avoid contact with water to preserve product.

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