

MATERIAL SAFETY DATA SHEET

Date: July 1, 2004

SECTION I - GENERAL INFORMATION

MANUFACTURER'S NAME: Empire Blended Products, Inc.
MANUFACTURER'S ADDRESS: 250 Hickory Lane
Bayville, New Jersey 08721
EMERGENCY PHONE NUMBER: (732) 269-4949

PRODUCT NAME: MULTI-PURPOSE THIN SET MORTAR (White & Gray)
TRADE NAME AND SYNONYMS: Empire Blended Multi-Purpose Thin Set Mortar
CHEMICAL NAME: Portland Cement, Crystalline Silica (Quartz)
CHEMICAL FAMILY: Calcium Salts, Silicon Dioxide
FORMULA: CaO SiO₂

SECTION II - HAZARDOUS INGREDIENTS

<u>COMPONENT</u>	<u>CAS #</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Silica, Crystalline Quartz	14808-60-7	58%	10mg/m ³ Respirable 30mg/m ³ Total	0.1mg/m ³ Respirable

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N/A
MELTING POINT: N/A
VAPOR PRESSURE: N/A
VAPOR DENSITY: N/A
SOLUBILITY IN WATER: Insoluble
SPECIFIC GRAVITY: 2.90
PERCENT VOLATILE BY VOLUME: 0%
EVAPORATION RATE: N/A
APPEARANCE AND ODOR: Fine powder and granular material, white or gray color, no odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): Non-flammable, non-combustible or explosive
FLAMMABLE LIMITS: LEL: None UEL: None
EXTINGUISHING MEDIA: None

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION VII - CONTROL AND PROTECTIVE MEASURES

RESPIRATORY PROTECTION (SPECIFIC TYPE): NIOSH approved respirator is recommended

PROTECTIVE GLOVES: Recommended

EYE PROTECTION: Recommended

VENTILATION TO BE USED:

LOCAL EXHAUST: Needed in dusty conditions

MECHANICAL:

SPECIAL:

OTHER:

OTHER PROTECTIVE CLOTHING AND EQUIPMENT: Boots when placing material

HYGIENIC WORK PRACTICES:

SECTION VIII - PRECAUTION FOR SAFE HANDLING AND USE/LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: Clean up immediately

WASTE DISPOSAL METHOD: Can be salvaged for use if not contaminated or removed as common waste

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid excessive contact with skin

OTHER PRECAUTIONS AND/OR SPECIAL HAZARDS: Dustless method, (vacuum) preferable for cleanup.