

# 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:** TILE GROUT  
**TRADE NAME AND SYNONYMS:** Empire Blended Tile Grout  
**CHEMICAL NAME:** Portland Cement, Pulverized Limestone  
**CHEMICAL FAMILY:** Calcium salts, limestone  
**FORMULA:** CaO CaCO<sub>3</sub>-MgCO<sub>3</sub>

## SECTION II - HAZARDOUS INGREDIENTS

<u>COMPONENT</u>	<u>CAS #</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
None				

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

**BOILING POINT:** N/A  
**MELTING POINT:** N/A  
**VAPOR PRESSURE:** N/A  
**VAPOR DENSITY:** N/A  
**SOLUBILITY IN WATER:** Slightly soluble  
**SPECIFIC GRAVITY:** 2.95  
**PERCENT VOLATILE BY VOLUME:** N/A  
**EVAPORATION RATE:** N/A  
**APPEARANCE AND ODOR:** Finely ground white powder, no odor

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT (METHOD USED):** N/A  
**FLAMMABLE LIMITS:** N/A **LEL:** **UEL:**  
**EXTINGUISHING MEDIA:** N/A

**SPECIAL FIRE FIGHTING PROCEDURES:** None

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None

**SECTION V - REACTIVITY DATA**

**STABILITY:**                    **UNSTABLE:**                    **STABLE:**    X  
**CONDITIONS TO AVOID:**    None

**INCOMPATIBILITY (MATERIALS TO AVOID):** None

**HAZARDOUS DECOMPOSITION PRODUCTS:**    None

**HAZARDOUS POLYMERIZATION:**    **MAY OCCUR:**                    **WILL NOT OCCUR:**    X  
**CONDITIONS TO AVOID:**    None

**SECTION VI - HEALTH HAZARD DATA**

**PRIMARY ROUTES OF ENTRY:**    **INHALATION:**    Nuisance dust    **INGESTION:**  
**SKIN ABSORPTION:**                    **NON HAZARDOUS:**    X

**CARCINOGENICITY:**                    **NTP:**                                    **OSHA:**  
**IARC MONOGRAPH:**                    **NOT LISTED:**    X

**HEALTH HAZARDS:**                    **ACUTE:**    None  
**CHRONIC:**    None

**SIGNS AND SYMPTOMS OF EXPOSURE:** Material can dry the skin and cause alkali burns. Dust can irritate the eyes and upper respiratory system.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** N/A

**EMERGENCY FIRST AID PROCEDURES:**

**EYE CONTACT:**    Immediately rinse repeatedly with water and seek medical attention.

**SKIN CONTACT:**    Wash exposed areas with soap and water.

**INHALATION:**                    Classified as a nuisance dust.

**INGESTION:**

**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:** X

**MECHANICAL:**

**SPECIAL:**

**OTHER:**

**OTHER PROTECTIVE CLOTHING AND EQUIPMENT:** N/A

**HYGIENIC WORK PRACTICES:** Avoid excessive contact with skin.

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

**STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:** Vacuum or sweep up.

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

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Close container to prevent local dusting.

**OTHER PRECAUTIONS AND/OR SPECIAL HAZARDS:** Avoid excessive contact with skin.