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**MATERIAL SAFETY DATA SHEET**

**A. MANUFACTURER/DISTRIBUTOR**

**COMPANY:** TAYLOR CLAY PRODUCTS/Distributed by Green Leaf Brick – The Red Tree Group  
P.O. BOX 2128  
SALISBURY, NC 28145  
**PHONE:** 704-636-2411

**B. PRODUCT IDENTIFICATION**

**PRODUCT NAME:** BRICK, GREEN LEAF BRICK  
**CHEMICAL NAME:** MIXTURE  
**CHEMICAL FAMILY:** PREDOMINANTLY ALUMINUM SILICATES  
**FORMULA:** MIXTURE

**C. PRODUCT COMPONENTS**

<u>COMPONENTS</u>	<u>CAS NO</u>	<u>% BY WEIGHT</u>	<u>ACQIH TLV</u>	<u>OSHA PEL</u>
ALUMINUM SILICATES	VARIOUS	75-85	10 MG/M <sup>2</sup>	15 MG/M <sup>2</sup>
IRON COMPOUNDS	VARIOUS	0-5	10 MG/M <sup>2</sup>	10 MG/M <sup>2</sup>
CALCIUM COMPOUNDS	VARIOUS	0-12	15 MG/M <sup>2</sup>	15 MG/M <sup>2</sup>
QUARTZ	14808-60-7	VARIES	0.1 MG/M <sup>2</sup> (RESPIRABLE)	10 MG/M <sup>2</sup> SIO <sub>2</sub> *2 (RESPIRABLE)
BARIUM COMPOUNDS	VARIOUS	0-3	NE	NE
IRON CHROMITE	1308-31-2	0-3	1 MG/M <sup>2</sup>	1 MG/M <sup>2</sup>
MANGANESE COMPOUNDS	VARIOUS	0-3	NE	NE
MAGNESIUM COMPOUNDS	VARIOUS	0-3	NE	NE
BOTTOM ASH	VARIOUS	0-18	NE	NE

**D. PERSONAL PROTECTION INFORMATION**

**VENTILATION:** WHEN SAWING BRICK, USE ADEQUATE VENTILATION TO MAINTAIN EXPOSURE BELOW THE OSHA PEL AND ACQIH TLV.

**RESPIRATORY PROTECTION:** FOR CONCENTRATIONS EXCEEDING THE OSHA PEL OR ACQIH TLV, USE NIOSH/MSHA APPROVED RESPIRATOR.

**EYE PROTECTION:** USE SAFETY GLASSES WITH SIDE SHIELDS. FACE SHIELDS SHOULD ALSO BE USED WHERE DRY SAWING OF BRICK OCCURS.

**SKIN PROTECTION:** USE GLOVES AND/OR PROTECTIVE CLOTHING IF ABRASION OR ALLERGIC REACTIONS ARE EXPERIENCED.

**OTHER:** WEAR STEEL-TOED SHOES. A WET SAW IS RECOMMENDED FOR SAWING BRICK.



**SKIN: WASH WITH SOAP AND WATER. IF AN ALLERGIC REACTION CAUSES A RASH THAT DOES NOT HEAL IN AN APPROPRIATE TIME, CONSULT A PHYSICIAN. TREAT ABRASIONS AS ANY OTHER SCRAPE OR CUT, WITH DISINFECTANTS AND BANDAGES.**

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:**

**EXCESSIVE DUST EXPOSURE MAY AGGRAVATE ANY EXISTING RESPIRATORY DISORDERS OR DISEASES. POSSIBLE COMPLICATIONS OF ALLERGIES RESULTING IN IRRITATION TO SKIN, EYES AND RESPIRATORY PASSAGES MAY OCCUR FROM EXCESSIVE EXPOSURE TO DUSTS.**

\* **The dust generated from dry sawing brick may contain silica and may be a potential health problem for the lungs although we are unaware of scientific evidence of a health problem.**

**H. PHYSICAL DATA**

**APPEARANCE AND ODOR: GRANULAR SOLID, ESSENTIAL ODORLESS, WIDE RANGE OF COLORS.**

**BOILING POINT: NA**

**SPECIFIC GRAVITY (HSO =1) 2.6 (APPROXIMATE)**

**VAPOR PRESSURE: NA**

**PERCENT VOLATILE BY VOLUME: NA**

**VAPOR DENSITY: NA**

**SOLUBILITY IN WATER: NEGLIGIBLE**

**EVAPORATION RATE (ETHYL ETHER + 1): NA**

**pH: NA**

**I. FIRE AND EXPLOSION DATA**

**FLASH POINT: NA**

**FLAMABLE LIMITS (% BY VOLUME IN AIR): LEL NA VEL NA**

**FIRE EXTINGUISHING MEDIA: NA**

**SPECIAL FIRE FIGHTING PROCEDURES: NA**

**FIRE AND EXPLOSION HAZARDS: NA**

**J. SPILL OR LEAK PROCEDURES**

**THE ONLY CONCERN IS TO CONTROL DUSTS.**



**K. WASTE DISPOSAL**

**THIS MATERIAL IS CLASSED AS A NON-HAZARDOUS SOLID WASTE FOR DISPOSAL**

**L. RCRA CLASSIFICATION NA**

**M. DOT SHIPPING DATA NA**

**N. PROTECTION REQUIRED FOR WORK ON CONTAMINATED EQUIPMENT NA**

**O. HAZARD CLASSIFICATION**

**X THIS PRODUCT MEETS THE FOLLOWING HAZARD DEFINITION(S) AS DEFINED BY THE OCCUPATIONAL SAFETY AND HEALTH HAZARD COMMUNICATION STANDARD SECTION 1810.1200.**

<input type="checkbox"/>	<b>COMBUSTIBLE LIQUID</b>	<input type="checkbox"/>	<b>FLAMMABLE AEROSOL</b>
<input type="checkbox"/>	<b>COMPRESSED GAS</b>	<input type="checkbox"/>	<b>EXPLOSIVE</b>
<input type="checkbox"/>	<b>FLAMMABLE GAS</b>	<input checked="" type="checkbox"/>	<b>HEALTH HAZARD</b>
<input type="checkbox"/>	<b>FLAMMABLE LIQUID</b>	<input type="checkbox"/>	<b>ORGANIC PEROXIDE</b>
<input type="checkbox"/>	<b>FLAMMABLE SOLID</b>	<input type="checkbox"/>	<b>OXIDIZER</b>
<input type="checkbox"/>	<b>PYROPHORIC</b>	<input type="checkbox"/>	<b>UNSTABLE</b>
<input type="checkbox"/>	<b>WATER REACTIVE</b>		

**BASED ON INFORMATION PRESENTLY AVAILABLE, THIS PRODUCT DOES NOT MEET ANY OF THE HAZARD DEFINITIONS OF 29 CFR SECTION 1910.1200.**

**P. SARA (TITLE III) REPORTS**

**COMPONENTS OF THIS PRODUCT THAT ARE SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF SARA AND 40 CFR PART 372.**

NA

**COMPONENTS OF THIS PRODUCT THAT ARE INCLUDED IN THE SARA EXTREMELY HAZARDOUS SUBSTANCE LIST 40 CFR PART 372.**

NA

**Q. OTHER INFORMATION**

**\*TAYLOR CLAY PRODUCTS CONSIDERS OUR PRODUCT AN "ARTICLE" AS DEFINED IN 29 CFR PART 1200 (B)(5)(IV) AND 40 CFR PART 372.38. AS AN ARTICLE, AN MSDS IS NOT REQUIRED AND THE PRODUCT IS EXEMPT FROM ALL OTHER REQUIREMENTS OF THE HAZARDOUS COMMUNICATIONS STANDARD. OSHA REQUIRES A MSDS FOR BRICK SINCE IT IS OCCASIONALLY DRY SAWED.**

NA – NOT APPLICABLE

NE – NOT ESTABLISHED