

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

077598543

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

077598501 077598519 077598527 077598535 077598550 077598568

**SECTION 1: IDENTIFICATION OF PRODUCT**

FORMULA: FELDSPATHIC COMPONENTS, SiO<sub>2</sub> (AMORPHOUS), TiO<sub>2</sub>. MAY ALSO CONTAIN CeO<sub>2</sub>, B<sub>2</sub>O<sub>3</sub>, Li<sub>2</sub>O, ZrO<sub>2</sub>, SnO<sub>2</sub>, P<sub>2</sub>O<sub>5</sub>, FLUORIDES, INORGANIC PIGMENTS.

SYNONYM OR CROSS REFERENCE: **SILHOUETTE PORCELAINS (ALL) INCLUDING SECRET, WHISPER, DORIC ROOT SHADE, SUPER TRUE. (SEE SECTION 10)**

**SECTION 2: HAZARDOUS INGREDIENTS**

MATERIAL: MATERIAL IS NOT LISTED AS A HAZARD BY OSHA OR ACGIH.

NATURE OF HAZARD: MILD IRRITANT TO SKIN AND EYES. RESPIRATORY IRRITANT.

**SECTION 3: PHYSICAL DATA**

MELTING POINT: °F: > 1000

BOILING POINT: °F: N/A

VAPOR PRESSURE: NONE

SPECIFIC GRAVITY: (H<sub>2</sub>O=1): 2 - 5

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

WATER SOLUBILITY: INSOLUBLE

PH OF SOLUTION: N/A

PERCENT VOLATILE: NON-VOLATILE.

EVAPORATION RATE: N/A

APPEARANCE: FINE, WHITE TO PINKISH-TAN, ODORLESS POWDERS.

**SECTION 4: FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (method used): N.A. MATERIAL IS NON-FLAMMABLE.

FLAMMABLE LIMITS: N/A

FIRE EXTINGUISHING MEDIA: ANY SUITABLE FOR SURROUNDING MATERIALS (FOAM, DRY CHEMICAL, CO<sub>2</sub>).

SPECIAL FIRE FIGHTING PROCEDURES: NONE. AVOID EYE CONTACT AND INHALATION OF POWDER.

UNUSUAL FIRE AND EXPLOSION HAZARD: NONE.

**SECTION 5: HEALTH HAZARD**

THRESHOLD LIMIT VALUE: TLV (ACGIH): NOT ESTABLISHED FOR THIS MIXTURE. CONSIDER AS NUISANCE DUST.

HEALTH HAZARDS: Effects of overexposure to product.

Skin: NONE EXPECTED.

Eyes: CONTACT WITH EYES WILL CAUSE MECHANICAL IRRITATION.

Inhalation: EXCESSIVE INHALATION OF DUST FROM GRINDING OR CUTTING MAY CAUSE RESPIRATORY IRRITATION INCLUDING COUGH, WHEEZING, DYSPNEA, CHRONIC IMPAIRED PULMONARY FUNCTIONS.

Ingestion: LOW ORAL TOXICITY EXPECTED. INGESTION IS NOT EXPECTED TO CAUSE ANY SYMPTOMS.

FIRST AID PROCEDURES:

Skin: WASH OFF WITH MILD SOAP AND WATER.

Eyes: IMMEDIATELY RINSE WELL WITH COOL RUNNING WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS CONTACT A PHYSICIAN.

Inhalation: IF IRRITATED, DISCONTINUE OPERATIONS AND REMOVE TO FRESH AIR. IF IRRITATION PERSISTS CONTACT A PHYSICIAN.

Ingestion: DRINK LARGE AMOUNTS OF WATER. CONSULT A PHYSICIAN.

CARCINOGENICITY: NO INGREDIENTS IDENTIFIED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY NTP, IARC OR OSHA.



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**MATERIAL  
SAFETY  
DATA****NFPA RATINGS**

HEALTH HAZARD: 1  
FIRE & EXPLOSION: 0  
REACTIVITY: 0  
PROTECTION: A

**SECTION 6: REACTIVITY DATA**

STABILITY: STABLE.

CONDITIONS TO AVOID: NONE.

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING OR REDUCING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS: NONE KNOWN.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

**SECTION 7: SPILL AND DISPOSAL PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

WEAR GLASSES, GLOVES AND APPROVED DUST MASK TO AVOID EXCESSIVE CONTACT. WIPE UP SPILLS WITH DAMP CLOTH OR TOWEL. CLEAN OFF RESIDUES WITH WATER.

WASTE DISPOSAL METHOD:

DISPOSE OF TOWELS IN REGULAR TRASH. HANDLE AS REGULAR SOLID TRASH.

**SECTION 8: PROTECTION INFORMATION**

VENTILATION: MECHANICAL (GENERAL) EXHAUST IS ACCEPTABLE. IF GRINDING OR CUTTING, USE LOCAL EXHAUST OR DUST COLLECTION EQUIPMENT.

SKIN: NOT NEEDED.

EYES: SAFETY GLASSES. NEVER WEAR CONTACT LENSES WHEN HANDLING CHEMICALS.

RESPIRATORY: NONE REQUIRED IN NORMAL USE. APPROVED N-95 DUST MASK IF GRINDING OR CUTTING THE MATERIAL AND LOCAL EXHAUST IS NOT AVAILABLE

OTHER PROTECTIVE EQUIPMENT: EYE-WASH STATION.

**SECTION 9: HANDLING AND STORAGE (lab quantities)**

KEEP CONTAINERS TIGHTLY CLOSED. STORE IN COOL, DRY, WELL VENTILATED AREA. FOR LABORATORY USE ONLY. KEEP OUT OF REACH OF CHILDREN. NORMAL PRECAUTIONS OF GOOD HOUSEKEEPING PRACTICES SHOULD BE FOLLOWED.

**SECTION 10: MISCELLANEOUS INFORMATION**

SILHOUETTE COMPONENTS ALSO INCLUDE MODIFIERS, OPAQUES, ENAMELS, INCISALS, DENTINES, SHOULDERS, STAINS.

EMERGENCY RESPONSE: INFOTRAC: 1-800-535-5053

SALES INFORMATION: 1-800-558-5925 (8 AM TO 6 PM EST, MONDAY TO FRIDAY)

LEACH & DILLON PRODUCT.

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