

## SAFETY DATA SHEETS

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

077595697

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

077595408 077595416 077595424 077595432 077595440 077595457 077595465 077595473 077595606 077595614  
077595622 077595630 077595648 077595655 077595663 077595671 077595689 077595705 077595713 077595721  
077595739 077595747 077595754 077595762 077595770 077595788 077595796 077596117 077596125 077596133  
077596141 077596158 077596166 077596174 077596182 077596190 077596208 077596216 077596224 077596232  
077596240 077596257 077596265 077596273 077596281 077596299 077596307 077596315 077596398 077597503  
077597511 077597529 077597537 077597545 077597552 077597560 077597578 077597586 077597651 077597669  
077597677 077597685 077597693 077597701 077597719 077597727 077597735 077597743 077597750 077597768  
077597776 077597784 077597792 077597800 077597818 077597826 077597834 077597909 077597966 077597974  
077597982 077597990 077598006 077598014 077598022 077598030 077598048 077598055 077598063 077598071  
077598089 077598097 077598105 077598113 077598121 077598139 077598147 077598154 077598162 077598170  
077598188 077598196 077598204

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

077597958

**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: **SENSATION PORCELAINS (ALL) (SEE SECTION 10)**



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

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

**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.

**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**

SENSATION, SENSATION SL AND SENSATION II PORCELAIN COMPONENTS INCLUDE OPAQUES, ENAMELS, INCISALS, DENTINES, OPACIOUS DENTINES.

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.

Revision Date: 3/1/2013

Information Furnished By: L. D. Hochhauser  
Product Development Mgr.

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