

## **SAFETY DATA SHEETS**

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

077595739

**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 077595697 077595705 077595713  
077595721 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



## SAFETY DATA SHEET

### SECTION 1: IDENTIFICATION OF PRODUCT

PRODUCT NAME: **SENSATION PORCELAINS (ALL) (SEE SECTION 16 FOR COMPLETE LIST)**

APPLICATION: LOW FUSING PORCELAIN FOR LABORATORY CONSTRUCTION OF ARTIFICIAL CERAMIC TEETH.

EMERGENCY CONTACT: **INFOTRAC: 1-352-323-3500, TOLL-FREE 1-800-535-5053**

### SECTION 2: HAZARDS IDENTIFICATION (CLASSIFICATION)

N/A

SECTION 2A: PHYSICAL HAZARDS

N/A

SECTION 2B: HEALTH HAZARDS

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

SKIN: NONE EXPECTED.

EYES: CONTACT WITH EYES WILL CAUSE MECHANICAL IRRITATION. INCLUDING COUGH, WHEEZING, DYSPNEA, CHRONIC IMPAIRED PULMONARY FUNCTIONS.

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.

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

### SECTION 3: COMPOSITION / INGREDIENTS

MIXTURE: ☒ Yes ☐ No

FELDSPATHIC COMPONENTS, SiO<sub>2</sub> (AMORPHOUS), 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.

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

### SECTION 4: FIRST AID MEASURES

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 IF YOU FEEL UNWELL.

### SECTION 5: FIREFIGHTING MEASURES

FLASH POINT: 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 6: ACCIDENTAL RELEASE MEASURES

PRECAUTIONS: N/A

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

### SECTION 7: 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 8: EXPOSURE CONTROLS (PERSONAL PROTECTION)

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: EYE WASH STATION.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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

PH OF SOLUTION: N/A

MELTING POINT: °F: > 1000

BOILING POINT: °F: N/A

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

EVAPORATION RATE: N/A

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

PERCENT VOLATILE: NON-VOLATILE.

VAPOR PRESSURE: NONE

WATER SOLUBILITY: INSOLUBLE

## **SECTION 10: REACTIVITY DATA**

STABILITY: STABLE.

CONDITIONS TO AVOID: NONE.

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

HAZARDOUS DECOMPOSITION PRODUCTS: NONE KNOWN.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

REACTIVITY WITH WATER: N/A

## **SECTION 11: TOXICOLOGICAL INFORMATION**

ACUTE EXPOSURE: SIGNS AND SYMPTOMS:

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.

CHRONIC EXPOSURE: N/A

SENSITIZER: N/A

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

TERATOGENICITY: N/A

EMBRYOTOXICITY: N/A

MUTAGENICITY: N/A

PRE-EXISTING CONDITIONS: N/A

## **SECTION 12: ECOLOGICAL INFORMATION**

ECOTOXITY: NONE REPORTED

DEGRADABILITY: NOT EXPECTED TO BE BIODEGRADABLE

BIOACCUMULATION: NOT EXPECTED TO BIO-ACCUMULATE.

MOBILITY IN SOIL: EXPECTED TO BE LOW. COMPONENTS ARE WATER INSOLUBLE.

## **SECTION 13: DISPOSAL INFORMATION**

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

## **SECTION 14: TRANSPORT INFORMATION**

UN NUMBER: N/A

SHIPPING NAME: N/A

CLASS: N/A

PACKING GROUP: N/A

MARINE POLLUTANT: N/A

WARNING SYMBOL: N/A

OTHER: THE MATERIAL IS NOT REGULATED AS A HAZARD IN TRANSPORTATION BY THE US DOT.

#### **SECTION 15: REGULATORY INFORMATION**

LABELING: N/A

NFPA RATINGS: HEALTH HAZARD: 1 FIRE & EXPLOSION: 0 REACTIVITY: 0 SPECIAL PROTECTION: B

NATIONAL REGULATIONS:

TSCA: ALL COMPONENTS ARE ON THE TSCA INVENTORY LIST.

SARA: SARA SECTION 302: EXTREMELY HAZARDOUS SUBSTANCES: NONE LISTED.

SARA SECTION 313: N/A

INAPPLICABLE: NO COMPONENTS ARE SUBJECT TO TSCA SNUR LISTING.

FOREIGN REGULATIONS:

ALL COMPONENTS ARE ON THE EU EINECS INVENTORY LIST AND THE CANADIAN DSL.

#### **SECTION 16: OTHER INFORMATION**

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

LEACH & DILLON PRODUCT.

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

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

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