

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



SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF PRODUCT

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

APPLICATION: STANDARD 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, SiO₂ (AMORPHOUS), MAY ALSO CONTAIN CeO₂, B₂O₃, Li₂O, ZrO₂, SnO₂, P₂O₅, 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, CO₂).

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: (H₂O=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

SILHOUETTE PORCELAINS. 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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Revision Date: 8/25/2017 Information Furnished By: L. D. Hochhauser
Product Development Mgr.

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