

SAFETY DATA SHEETS

This SDS packet was issued with item:

070501304

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

070501296



SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF PRODUCT

PRODUCT NAME: **ZIRCONIA POLISHING DIAMOND PASTE, REVISED THICKER FORMULATION**

APPLICATION: CONTROLLED SIZE ABRASIVE CRYSTALS FOR POLISHING ZIRCONIA; CLEANING AGENTS; WARM WATER SOLUBLE PASTE BASE.

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

SECTION 2: HAZARDS IDENTIFICATION (CLASSIFICATION)

DIRECT CONTACT MAY CAUSE MILD EYE IRRITATION.

SECTION 2A: PHYSICAL HAZARDS

N/A

SECTION 2B: HEALTH HAZARDS

THRESHOLD LIMIT VALUE: TLV (ACGIH) : NONE LISTED. FORMULATION IS NONHAZARDOUS.

SKIN: SLIGHT DRYING OR CHAPPING.

EYES: DIRECT CONTACT CAN CAUSE TRANSIENT IRRITATION.

INHALATION: NOT LIKELY IN LAB USE.

INGESTION: NON-TOXIC FORMULATION

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

SECTION 3: COMPOSITION / INGREDIENTS

MIXTURE: ☒ Yes ☐ No

CONTROLLED SIZE ABRASIVE CRYSTALS FOR POLISHING ZIRCONIA; CLEANING AGENTS; NON-TOXIC WATER SOLUBLE PASTE BASE.

HAZARDOUS COMPONENTS: NONE LISTED BY OSHA OR ACGIH AS PER 29 CFR.

FORMULA IS PROPRIETARY.

SECTION 4: FIRST AID MEASURES

SKIN: IF CONTACTED, WASH OFF WITH SOAP AND WATER.

EYES: FLUSH WELL WITH COOL WATER, CONTACT A PHYSICIAN IF IRRITATION DEVELOPES OR PERSISTS.

INHALATION: NOT LIKELY IN NORMAL LAB USE.

INGESTION: NO SPECIAL FIRST AID.

SECTION 5: FIREFIGHTING MEASURES

FLASH POINT: MATERIAL IS NON FLAMMABLE.

FLAMMABLE LIMITS: N/A

FIRE EXTINGUISHING MEDIA: AS APPROPRIATE FOR SURROUNDING AREA.

SPECIAL FIRE FIGHTING PROCEDURES: NONE FOR LAB QUANTITIES.

UNUSUAL FIRE AND EXPLOSION HAZARD: NONE

SECTION 6: ACCIDENTAL RELEASE MEASURES

PRECAUTIONS: N/A

PROCEDURES: NO SPECIAL PRECAUTIONS. WIPE UP SPILLS WITH DAMP CLOTH OR TOWELING AND DISPOSE IN DRY TRASH FOR REGULAR DISPOSAL.

SECTION 7: HANDLING AND STORAGE (LAB QUANTITIES)

KEEP CONTAINERS WELL CLOSED. STORE IN COOL, DRY, WELL VENTILATED AREA. FOR LABORATORY AND PROFESSIONAL USE ONLY. AVOID HEAT AND DIRECT SUNLIGHT. NORMAL PRECAUTIONS OF LABORATORY GOOD HOUSEKEEPING PRACTICES SHOULD BE FOLLOWED.

SECTION 8: EXPOSURE CONTROLS (PERSONAL PROTECTION)

VENTILATION: MECHANICAL (GENERAL) IS ACCEPTABLE

SKIN: NOT USUALLY REQUIRED.

EYES: SAFETY GLASSES OR GOGGLES. DO NOT WEAR CONTACT LENSES WHEN HANDLING CHEMICALS.
RESPIRATORY: NONE NEEDED FOR NORMAL USE.
OTHER: EYE WASH STATION.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: SMOOTH OPAQUE LIGHT GRAY PASTE, SLIGHT CHARACTERISTIC ODOR.
PH OF SOLUTION: NEUTRAL
MELTING POINT: °F: N/A
BOILING POINT: °C: N/A
SPECIFIC GRAVITY: (H₂O=1): GREATER THAN 1
EVAPORATION RATE: (BUTYL ACETATE = 1) N/A
VAPOR DENSITY: (Air =1): N/A
PERCENT VOLATILE: N/A
VAPOR PRESSURE: (mm Hg): N/A
WATER SOLUBILITY: 100% RINSEABLE

SECTION 10: REACTIVITY DATA

STABILITY: STABLE
CONDITIONS TO AVOID: EXTREME HEAT MAY CAUSE LIQUIFYING OF THE BINDER AND SEPARATION OF COMPONENTS.
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS.
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION WILL LIBERATE CO, CO₂, WATER VAPOR.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.
REACTIVITY WITH WATER: N/A

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE EXPOSURE: SIGNS AND SYMPTOMS:
SKIN: SLIGHT DRYING OR CHAPPING.
EYES: TRANSIENT MECHANICAL IRRITATION.
INHALATION: NOT LIKELY IN LAB USE.
INGESTION: LOW ORDER OF TOXICITY EXPECTED.
CHRONIC EXPOSURE: NO HUMAN DATA REPORTED

SENSITIZER: NO HUMAN DATA REPORTED

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

ECOTOXICITY: LAB QUANTITIES ARE NOT EXPECTED TO BE SIGNIFICANT.

DEGRADABILITY: EXPECTED TO BE LOW.

BIOACCUMULATION: NOT EXPECTED TO BIO-ACCUMULATE.

MOBILITY IN SOIL: EXPECTED TO BE LOW. ABRASIVE PARTICLES COMPONENT IS NOT WATER SOLUBLE.

SECTION 13: DISPOSAL INFORMATION

ANY. BINDER COMPONENTS ARE CONSIDERED BIODEGRADABLE.

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: NO PICTOGRAM REQUIRED.

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

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

NO DOT SHIPPING RESTRICTIONS APPLY.

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

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CA PROP. 65 LISTING: THIS PRODUCT DOES NOT CONTAIN ANY CHEMICAL KNOWN TO STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

Revision Date: 12/24/2018

Information Furnished By:

L. D. Hochhauser

Product Development Mgr.

The above information is believed to be accurate and represents information currently available to us. Reasonable care has been taken in the preparation of this document to provide for hazard awareness; however, all the properties of this product may not have been completely evaluated. Users should make their own investigations to determine the suitability of the information for their particular purposes. We make no warrantee of merchantability or any other warrantee, expressed or implied, with respect to such information, and we assume no liability resulting from its use or from improper use or handling of the product. "N/A" indicates that at the time of preparation of this SDS, this information may not have been available or is not applicable. As additional information becomes available, this SDS will be updated.