

SAFETY DATA SHEETS

This SDS packet was issued with item:

071098318

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

071098300

SECTION 1: IDENTIFICATION OF PRODUCT

FORMULA: CONTROLLED SIZE DIAMOND CRYSTALS FOR POLISHING; CLEANING AGENTS; NON-TOXIC WATER SOLUBLE PASTE BASE.

SYNONYM OR CROSS REFERENCE: **DIAMOND POLISHING PASTE (POLISHING PASTE TYPE II)**



AMERICAN DENTAL SUPPLY, INC.

1075 N. Gilmore Street
Allentown, PA 18109-3210
www.americandentalsupply.net
(800) 558-5925

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

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

SECTION 2: HAZARDOUS INGREDIENTS

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

NATURE OF HAZARD: MILD EYE IRRITATION.

SECTION 3: PHYSICAL DATA

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

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (method used): 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 5: HEALTH HAZARD

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

HEALTH HAZARDS: Effects of overexposure to product.

Skin: SLIGHT DRYING OR CHAPPING.

Eyes: TRANSIENT IRRITATION.

Inhalation: NOT LIKELY IN LAB USE.

Ingestion: LOW ORDER OF TOXICITY EXPECTED.

FIRST AID PROCEDURES:

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

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

Inhalation: IF AFFECTED REMOVE TO FRESH AIR. NOT LIKELY IN NORMAL LAB USE.

Ingestion: NO SPECIAL FIRST AID.

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

SECTION 6: REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: EXTREME HEAT. CAN CAUSE LIQUIFYING OF THE BINDER AND SEPARATION OF COMPONENTS.

INCOMPATIBILITY (MATERIALS TO AVOID): NONE.

HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION WILL LIBERATE CO, CO₂, WATER VAPOR.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION 7: SPILL AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
NO SPECIAL PRECAUTIONS. WIPE UP SPILLS WITH DAMP CLOTH OR TOWELING AND DISPOSE IN DRY TRASH FOR REGULAR DISPOSAL.

WASTE DISPOSAL METHOD:

ANY. BINDER COMPONENTS ARE CONSIDERED BIODEGRADABLE.

SECTION 8: PROTECTION INFORMATION

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 PROTECTIVE EQUIPMENT: EYE WASH STATION.

SECTION 9: HANDLING AND STORAGE (lab quantities)

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

SECTION 10: MISCELLANEOUS INFORMATION

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

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

NO DOT SHIPPING RESTRICTIONS APPLY.

Revision Date: 3/1/2013

Information Furnished By: L. D. Hochhauser

Product Development Mgr.

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SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF PRODUCT

PRODUCT NAME: **DIAMOND POLISHING PASTE (POLISHING PASTE TYPE II)**

APPLICATION: CONTROLLED SIZE DIAMOND CRYSTALS FOR POLISHING; CLEANING AGENTS; NON-TOXIC 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: **H316:** CAUSES MILD SKIN IRRITATION. CATEGORY 3:

EYES: **H320:** CAUSES EYE IRRITATION. CATEGORY 2B:

INHALATION: **H335:** MAY CAUSE RESPIRATORY IRRITATION. CATEGORY 3:

INGESTION: **H303:** MAY BE HARMFUL IF SWALLOWED. CATEGORY 5: LOW ORDER OF TOXICITY EXPECTED.

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

SECTION 3: COMPOSITION / INGREDIENTS

MIXTURE: ☒ Yes ☐ No

NONE LISTED BY OSHA OR ACGIH AS PER 29 CFR.

CONTROLLED SIZE DIAMOND PARTICLES IN PASTE FORM. FORMULA IS PROPRIETARY.

SECTION 4: FIRST AID MEASURES

SKIN: P302+352: IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER.

EYES: P305+351+338: IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES IF PRESENT AND EASY TO DO. CONTINUE RINSING. P337+313: IF EYE IRRITATION PERSISTS GET MEDICAL ADVICE/ATTENTION.

INHALATION: NOT LIKELY IN NORMAL LAB USE.

INGESTION: P301+330+331: IF SWALLOWED: RINSE MOUTH. DO NOT INDUCE VOMITING. P312: CALL A POISON CENTER OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL.

SECTION 5: FIREFIGHTING MEASURES

FLASH POINT: MATERIAL IS NON FLAMMABLE.

FLAMMABLE LIMITS: N/A

FIRE EXTINGUISHING MEDIA: P370+378: IN CASE OF FIRE: USE THE FOLLOWING FOR EXTINCTION: ANY MEANS APPROPRIATE FOR ADJACENT COMBUSTIBLE MATERIALS.

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)

P102: KEEP OUT OF REACH OF CHILDREN. P402+404: STORE IN A DRY PLACE. STORE IN A CLOSED CONTAINER.
P403+235+410: STORE IN A WELL VENTILATED PLACE. KEEP COOL. PROTECT FROM SUNLIGHT. FOR LABORATORY OR OFFICE USE ONLY. DO NOT MIX WITH OTHER MATERIALS UNLESS DIRECTED TO DO SO. 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. CAN CAUSE LIQUIFYING OF THE BINDER AND SEPARATION OF COMPONENTS.

INCOMPATIBILITY (MATERIALS TO AVOID): NONE.

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 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

ECOTOXITY: 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. MAJOR COMPONENT IS WATER INSOLUBLE.

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: N/A

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.

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

Revision Date: 8/25/2017

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

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