

SAFETY DATA SHEETS

This SDS packet was issued with item:

071098029

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

273002114

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).

071098011

SECTION 1: IDENTIFICATION OF PRODUCT

FORMULA: PROPRIETARY PIGMENT METAL POWDERS.

SYNONYM OR CROSS REFERENCE: HI - LIGHT POWDER SILVER



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: 1
 FIRE & EXPLOSION: 2
 REACTIVITY: 2
 PROTECTION: B

SECTION 2: HAZARDOUS INGREDIENTS

MATERIAL: PIGMENT METAL POWDER, 98%

NATURE OF HAZARD: FLAMMABLE SOLID.

SECTION 3: PHYSICAL DATA

MELTING POINT: F°: N/A
 BOILING POINT: F°: N/A
 VAPOR PRESSURE: (mm Hg): N/A
 SPECIFIC GRAVITY: (H₂O=1): 2.7
 VAPOR DENSITY: (AIR =1): N/A
 WATER SOLUBILITY: INSOLUBLE.
 PH OF SOLUTION: N/A
 PERCENT VOLATILE: 0%
 EVAPORATION RATE: (BuAC =1): N/A
 APPEARANCE: BRIGHT GRAYISH-SILVER OR GOLD, FINE SOFT POWDER.

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (method used): N/A
 FLAMMABLE LIMITS: 40 G/M³ AS DUST. THIS LEVEL IS NOT EXPECTED TO BE ATTAINED IN NORMAL LAB
 HANDLING OF THIS MATERIAL.
 FIRE EXTINGUISHING MEDIA: DO NOT USE A FIRE EXTINGUISHER OR WATER ON BURNING METAL POWDER. COVER WITH FINE DRY SAND OR A FLAT LID TO CUT OFF OXYGEN AND ALLOW TO COOL.
 SPECIAL FIRE FIGHTING PROCEDURES: DO NOT DISTURB THE BURNING POWDER TO CAUSE A CLOUD OF METAL DUST. THIS MAY SERVE TO SPREAD THE FIRE.
 UNUSUAL FIRE AND EXPLOSION HAZARD: MINIMAL HAZARD IN LAB QUANTITIES. IN LARGE QUANTITY, METAL DUST IN THE AIR CAN CAUSE A FIRE OR EXPLOSION HAZARD IF INVOLVED IN A FIRE.

SECTION 5: HEALTH HAZARD

THRESHOLD LIMIT VALUE: TLV (ACGIH): 15 MG/CuM (NUISANCE DUST ONLY).

HEALTH HAZARDS: Effects of overexposure to product.

Skin: EXCESSIVE CONTACT MAY CAUSE MILD IRRITATION.

Eyes: DUST IN EYES WILL BE IRRITATING.

Inhalation: INHALED DUST MAY IRRITATE UPPER RESPIRATORY TRACT.

Ingestion: LOW TOXICITY IS EXPECTED.

FIRST AID PROCEDURES:

Skin: WASH WELL WITH SOAP AND WATER.

Eyes: IF DIRECT CONTACT OCCURS, RINSE WELL WITH WATER. IF IRRITATION PERSISTS CONTACT A PHYSICIAN.

Inhalation: IF AFFECTED, REMOVE TO FRESH AIR. IF IRRITATION PERSISTS CONTACT A PHYSICIAN.

Ingestion: NOT LIKELY IN LAB USE. NO SPECIFIC ANTIDOTE NEEDED.

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

SECTION 6: REACTIVITY DATA

STABILITY: STABLE.

CONDITIONS TO AVOID: POTENTIAL CONTACT WITH HEAT, SPARKS, OPEN FLAMES.

INCOMPATIBILITY (MATERIALS TO AVOID): OXIDIZING AGENTS, ACIDS, ALKALIES, WATER, HALOGENATED SOLVENTS.

HAZARDOUS DECOMPOSITION PRODUCTS: NONE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION 7: SPILL AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
 AVOID GENERATION OF DUST. COVER WITH SWEEPING COMPOUND IF AVAILABLE. GENTLY SWEEP UP AND DISPOSE OF IN A MOISTURE-PROOF CLOSED CONTAINER.

WASTE DISPOSAL METHOD:
 DISPOSE OF CLOSED WASTE CONTAINER IN REGULAR TRASH.

SECTION 8: PROTECTION INFORMATION

VENTILATION: MECHANICAL (GENERAL) IS ACCEPTABLE.

SKIN: COTTON OR NITRILE GLOVES ONLY IF IRRITATION IS A PROBLEM.

EYES: SAFETY GLASSES. DO NOT WEAR CONTACT LENSES WHEN HANDLING CHEMICALS.

RESPIRATORY: NOT NORMALLY REQUIRED.

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 OR OFFICE USE ONLY. KEEP OUT OF REACH OF CHILDREN. AVOID DIRECT SOURCES OF HEAT.

SECTION 10: MISCELLANEOUS INFORMATION

AVOID RAISING DUST NEAR ANY SOURCE OF IGNITION. NORMAL PRECAUTIONS OF LABORATORY GOOD HOUSEKEEPING PRACTICES SHOULD BE FOLLOWED.

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

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

Revision Date: 3/1/2013

Information Furnished By: L. D. Hochhauser

Product Development Mgr.

The above information is believed to be accurate and represents the best information currently available to us. However, WE MAKE NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, 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. Users should make their own investigations to determine the suitability of the information for their particular purposes.



SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF PRODUCT

PRODUCT NAME: **HI - LIGHT POWDER SILVER**

APPLICATION: PROPRIETARY PIGMENT METAL POWDERS.

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

SECTION 2: HAZARDS IDENTIFICATION (CLASSIFICATION)

FLAMMABLE SOLID.

SECTION 2A: PHYSICAL HAZARDS

N/A

SECTION 2B: HEALTH HAZARDS

THRESHOLD LIMIT VALUE: TLV (ACGIH): 15 MG/CuM (NUISANCE DUST ONLY).

SKIN: EXCESSIVE CONTACT MAY CAUSE MILD IRRITATION.

EYES: DUST IN EYES WILL BE IRRITATING.

INHALATION: INHALED DUST MAY IRRITATE UPPER RESPIRATORY TRACT.

INGESTION: LOW TOXICITY IS EXPECTED.

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

SECTION 3: COMPOSITION / INGREDIENTS

MIXTURE: Yes No

PIGMENT METAL POWDER, 98% FORMULA IS PROPRIETARY

SECTION 4: FIRST AID MEASURES

SKIN: WASH WELL WITH SOAP AND WATER.

EYES: IF DIRECT CONTACT OCCURS, RINSE WELL WITH WATER. IF IRRITATION PERSISTS CONTACT A PHYSICIAN.

INHALATION: IF AFFECTED, REMOVE TO FRESH AIR. IF IRRITATION PERSISTS CONTACT A PHYSICIAN.

INGESTION: NOT LIKELY IN LAB USE. NO SPECIFIC ANTIDOTE NEEDED.

SECTION 5: FIREFIGHTING MEASURES

FLASH POINT: N/A

FLAMMABLE LIMITS: 40 G/M³ AS DUST. THIS LEVEL IS NOT EXPECTED TO BE ATTAINED IN NORMAL LAB HANDLING OF THIS MATERIAL.

FIRE EXTINGUISHING MEDIA: DO **NOT** USE A FIRE EXTINGUISHER OR WATER ON BURNING METAL POWDER. COVER WITH FINE DRY SAND OR A FLAT LID TO CUT OFF OXYGEN AND ALLOW TO COOL.

SPECIAL FIRE FIGHTING PROCEDURES: DO NOT DISTURB THE BURNING POWDER TO CAUSE A CLOUD OF METAL DUST. THIS MAY SERVE TO SPREAD THE FIRE.

UNUSUAL FIRE AND EXPLOSION HAZARD: MINIMAL HAZARD IN LAB QUANTITIES. IN LARGE QUANTITY, METAL DUST IN THE AIR CAN CAUSE A FIRE OR EXPLOSION HAZARD IF INVOLVED IN A FIRE.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PRECAUTIONS: N/A

PROCEDURES: AVOID GENERATION OF DUST. COVER WITH SWEEPING COMPOUND IF AVAILABLE. GENTLY SWEEP UP AND DISPOSE OF IN A MOISTURE-PROOF CLOSED CONTAINER.

SECTION 7: HANDLING AND STORAGE (LAB QUANTITIES)

KEEP CONTAINERS WELL CLOSED. STORE IN COOL, DRY, WELL VENTILATED AREA. FOR LABORATORY OR OFFICE USE ONLY. KEEP OUT OF REACH OF CHILDREN. AVOID DIRECT SOURCES OF HEAT.

SECTION 8: EXPOSURE CONTROLS (PERSONAL PROTECTION)

VENTILATION: MECHANICAL (GENERAL) IS ACCEPTABLE.

SKIN: COTTON OR NITRILE GLOVES ONLY IF IRRITATION IS A PROBLEM.

EYES: SAFETY GLASSES. DO NOT WEAR CONTACT LENSES WHEN HANDLING CHEMICALS.
RESPIRATORY: NOT NORMALLY REQUIRED.
OTHER: N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: BRIGHT GRAYISH-SILVER, FINE SOFT POWDER.
PH OF SOLUTION: N/A
MELTING POINT: F°: N/A
BOILING POINT: F°: N/A
SPECIFIC GRAVITY: (H₂O=1): 2.7
EVAPORATION RATE: (BuAC =1): N/A
VAPOR DENSITY: (AIR =1): N/A
PERCENT VOLATILE: 0%
VAPOR PRESSURE: (mm Hg): N/A
WATER SOLUBILITY: INSOLUBLE.

SECTION 10: REACTIVITY DATA

STABILITY: STABLE.
CONDITIONS TO AVOID: POTENTIAL CONTACT WITH HEAT, SPARKS, OPEN FLAMES.
INCOMPATIBILITY (MATERIALS TO AVOID): OXIDIZING AGENTS, ACIDS, ALKALIES, WATER, HALOGENATED SOLVENTS.
HAZARDOUS DECOMPOSITION PRODUCTS: NONE.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.
REACTIVITY WITH WATER: N/A

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE EXPOSURE: SIGNS AND SYMPTOMS:
SKIN: SEE SECTION 2B

EYES: SEE SECTION 2B

INHALATION: SEE SECTION 2B

INGESTION: SEE SECTION 2B

CHRONIC EXPOSURE: NO HUMAN DATA REPORTED

SENSITIZER: NO HUMAN DATA REPORTED

CARCINOGENICITY: SEE SECTION 2B

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: NOT EXPECTED TO BE BIODEGRADABLE

BIOACCUMULATION: NOT EXPECTED TO BIO-ACCUMULATE.

MOBILITY IN SOIL: EXPECTED TO BE LOW.

SECTION 13: DISPOSAL INFORMATION

DISPOSE OF CLOSED WASTE CONTAINER IN REGULAR 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, IN LAB QUANTITIES, 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: 1 REACTIVITY: 2 SPECIAL PROTECTION: B
NATIONAL REGULATIONS:
TSCA: ALL COMPONENTS ARE ON THE TSCA INVENTORY LIST.

SARA: EXTREMELY HAZARDOUS SUBSTANCES: NONE LISTED.

SARA SECTION 313: N/A
INAPPLICABLE: NO COMPONENTS ARE SUBJECT TO TSCA SNUR LISTING.

FOREIGN REGULATIONS:
3/11/2013. ALL COMPONENTS ARE ON THE EU EINECS INVENTORY LIST AND THE CANADIAN DSL.

SECTION 16: OTHER INFORMATION

AVOID RAISING DUST NEAR ANY SOURCE OF IGNITION. NORMAL PRECAUTIONS OF LABORATORY GOOD HOUSEKEEPING PRACTICES SHOULD BE FOLLOWED.

**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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