

SAFETY DATA SHEETS

This SDS packet was issued with item:

071096031

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

071096015 071096908

SECTION 1: IDENTIFICATION OF PRODUCT

FORMULA: MIXTURE OF DILUTED PHOSPHORIC ACID AND VISCOSITY BUILDERS.

SYNONYM OR CROSS REFERENCE: ETCH-IT ENAMEL ETCHING GEL



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: 0
REACTIVITY: 0
PROTECTION: A**SECTION 2: HAZARDOUS INGREDIENTS**

MATERIAL: PHOSPHORIC ACID 37.5% OR 10%, WATER, VISCOSITY BUILDING AGENTS (PROPRIETARY)

NATURE OF HAZARD: MILD IRRITANT.

SECTION 3: PHYSICAL DATAMELTING POINT: °F: N/A
BOILING POINT: °F: 230°F
VAPOR PRESSURE: (mm Hg): N/A
SPECIFIC GRAVITY: (H₂O=1): 1.2 at 70°F
VAPOR DENSITY: (Air =1): N/A
WATER SOLUBILITY: GEL DISPERSES
PH OF SOLUTION: APPROX 2
PERCENT VOLATILE: N/A
EVAPORATION RATE: (BuAc =1): N/A
APPEARANCE: LIGHT BLUE, TRANSPARENT, SOFT GEL.**SECTION 4: FIRE AND EXPLOSION HAZARD DATA**FLASH POINT (method used): N/A (MATERIAL IS NON-FLAMMABLE).
FLAMMABLE LIMITS: N/A

FIRE EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: NONE FOR LAB QUANTITIES.

UNUSUAL FIRE AND EXPLOSION HAZARD: IRRITATING ACID FUMES COULD BE LIBERATED IN A FIRE.

SECTION 5: HEALTH HAZARD

THRESHOLD LIMIT VALUE: NONE ESTABLISHED BY OSHA FOR THIS MIXTURE.

HEALTH HAZARDS: Effects of overexposure to product.

Skin: CAN CAUSE IRRITATION ON PROLONGED CONTACT.

Eyes: DIRECT CONTACT WILL CAUSE IRRITATION, REDNESS AND TEARING.

Inhalation: NOT LIKELY TO BE ABLE TO OCCUR.

Ingestion: CAN CAUSE IRRITATION TO DIGESTIVE TRACT AND MUCOUS MEMBRANES IN LARGE QUANTITIES.

FIRST AID PROCEDURES:

Skin: WASH WITH MILD SOAP AND WATER.

Eyes: RINSE WITH COOL WATER FOR 15 MINUTES. IF IRRITATION PERSISTS CONTACT A PHYSICIAN.

Inhalation: N/A

Ingestion: LOW TOXICITY EXPECTED. GIVE WATER TO DRINK.

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

INCOMPATIBILITY (MATERIALS TO AVOID): METALS, ALKALI SALTS.

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:

WASTE DISPOSAL METHOD:

SPILL IS UNLIKELY DUE TO PACKAGE SIZE AND GEL FORM. IF IT OCCURS, SPONGE GEL UP WITH WATER AND FLUSH RESIDUE DOWN LAB DRAIN. IF GEL GETS ON CLOTHING, REMOVE ARTICLE AND LAUNDER BEFORE RE-USE.

SECTION 8: PROTECTION INFORMATION

VENTILATION: MECHANICAL (GENERAL) IS ACCEPTABLE.

SKIN: NOT NORMALLY REQUIRED.

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

RESPIRATORY: NONE REQUIRED IN NORMAL USE.

OTHER PROTECTIVE EQUIPMENT: EYE-WASH STATION. (OPTIONAL)

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 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)

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: **ETCH-IT ENAMEL ETCHING GEL, 37.5%**

APPLICATION: **ETCH-IT ENAMEL ETCHING GEL, 37.5%**

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

SECTION 2: HAZARDS IDENTIFICATION (CLASSIFICATION)

WARNING: MILD IRRITANT.



SECTION 2A: PHYSICAL HAZARDS

N/A

SECTION 2B: HEALTH HAZARDS

THRESHOLD LIMIT VALUE: NONE ESTABLISHED BY OSHA FOR THIS MIXTURE.

SKIN: H316: CAUSES MILD SKIN IRRITATION. CATEGORY 3

EYES: H319: CAUSES SERIOUS EYE IRRITATION. CATEGORY 2A

INHALATION: NOT LIKELY TO BE ABLE TO OCCUR.

INGESTION: H303: MAY BE HARMFUL IF SWALLOWED. CATEGORY 5:

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

SECTION 3: COMPOSITION / INGREDIENTS

MIXTURE: ☒ Yes ☐ No

PHOSPHORIC ACID 37.5%, WATER, VISCOSITY BUILDING AGENTS (PROPRIETARY)

SECTION 4: FIRST AID MEASURES

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

P332+313: IF SKIN IRRITATION OCCURS: CONTACT A POISON CENTER OR DOCTOR/PHYSICIAN.

P362: TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

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 USE

INGESTION: P301+330: IF SWALLOWED: RINSE MOUTH. GIVE WATER TO DRINK.

P301+312: IF SWALLOWED: CALL A POISON CENTER OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL.

SECTION 5: FIREFIGHTING MEASURES

FLASH POINT: N/A (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: IRRITATING ACID FUMES COULD BE LIBERATED IN A FIRE.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PRECAUTIONS: N/A

PROCEDURES: P501: DISPOSAL. MATERIAL MAY BE WIPED UP WITH CLOTH OR PAPER TOWELING AND DISCARDED IN

TRASH. RESIDUES MAY BE FLUSHED DOWN LABORATORY DRAIN WITH WATER.

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: P281: USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. RUBBER OR PLASTIC GLOVES IF CHAPPING OCCURS.

EYES: P281: USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. SAFETY GLASSES OR GOGGLES. DO NOT WEAR CONTACT LENSES WHEN HANDLING CHEMICALS.

RESPIRATORY: NONE REQUIRED IN NORMAL USE.

OTHER: EYE WASH STATION.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: LIGHT BLUE, TRANSPARENT, SOFT GEL.

PH OF SOLUTION: APPROX 2

MELTING POINT: °F: N/A

BOILING POINT: °F: 230°F

SPECIFIC GRAVITY: (H₂O=1): 1.2 at 70°F

EVAPORATION RATE: (BuAC =1): N/A

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

PERCENT VOLATILE: N/A

VAPOR PRESSURE: (mm Hg): N/A

WATER SOLUBILITY: GEL DISPERSES

SECTION 10: REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: EXTREME HEAT

INCOMPATIBILITY (MATERIALS TO AVOID): METALS, ALKALI SALTS.

HAZARDOUS DECOMPOSITION PRODUCTS: NONE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

REACTIVITY WITH WATER: N/A

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE EXPOSURE: SIGNS AND SYMPTOMS:

SKIN: CAUSES MILD SKIN IRRITATION.

EYES: CAUSES EYE IRRITATION.

INHALATION: MAY CAUSE RESPIRATORY IRRITATION.

INGESTION: MAY BE HARMFUL IF SWALLOWED. (MAY CAUSE GASTROINTESTINAL IRRITATION)

CHRONIC EXPOSURE: NO HUMAN DATA REPORTED

SENSITIZER: NO HUMAN DATA REPORTED

CARCINOGENICITY: NO INGREDIENT 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 HAVE NO REPORTED HISTORY OF ECOTOXICITY.

DEGRADABILITY: HIGH LEVEL OF BIODEGRADABILITY IS EXPECTED.

BIOACCUMULATION: NO REPORTED HISTORY OF BIOACCUMULATION

MOBILITY IN SOIL: EXPECTED TO BE LOW.

SECTION 13: DISPOSAL INFORMATION

SPILL IS UNLIKELY DUE TO PACKAGE SIZE AND GEL FORM. IF IT OCCURS, SPONGE GEL UP WITH WATER AND FLUSH RESIDUE DOWN LAB DRAIN. IF GEL GETS ON CLOTHING, REMOVE ARTICLE AND LAUNDER BEFORE RE-USE.

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: 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

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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.

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; 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, SDS will be updated.