



SAFETY DATA SHEET

Issuing Date 29 May-2015

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ECR# 23583

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

GHS product identifier

Product Name Etch n Seal

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Professional Dental

Uses advised against No information available

Supplier's details

Supplier Address

DenMat
1017 W. Central Ave.
Lompoc, CA 93436
TEL: 805-346-3700

Emergency telephone number

Emergency Telephone Number 805-346-3700

2. HAZARDS IDENTIFICATION

Classification

GHS Label elements, including precautionary statements



Appearance Red

Physical State Liquid/gel.

Odor unpleasant, do not smell

Hazard statement(s)

H314 Causes severe skin burns and eye damage.

Precautionary statement(s)

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS-No | Weight % | Trade secret |
|--------------------------|-----------|----------|--------------|
| Phosphoric acid | 7664-38-2 | 25 - 35% | * |
| Aluminum oxalate hydrate | 814-87-9 | 0.1 – 1 | * |

**The exact percentage (concentration) of composition has been withheld as a trade secret.*

4. FIRST AID MEASURES

Description of necessary first-aid measures

| | |
|---------------------|---|
| Eye Contact | Remove contact lenses before flushing. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel. |
| Ingestion | DO NOT INDUCE VOMITING –Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. |
| Skin Contact | Wash with soap and water. Get medical attention if irritation develops or persists. |
| Inhalation | IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. Get immediate medical attention. |

5. FIRE-FIGHTING MEASURES

Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety glasses with side-shields. Tightly fitting safety goggles.
Skin and Body Protection Long sleeved clothing. Impervious gloves.
Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-------------------------------------|-------------------|--------------------------|--------------------------|
| Physical State | liquid (gel) | Appearance | red |
| Odor | None | Odor Threshold | No information available |
| Property | Values | Remarks/ - Method | |
| pH | Not Applicable | None known | |
| Melting Point/Range | < 0° C | None known | |
| Boiling Point/ Range | Not Established | None known | |
| Flash Point | No data available | None known | |
| Evaporation rate | No data available | None known | |
| Flammability (solid, gas) | No data available | | |
| Flammability Limits in Air | | | |
| upper flammability limit | No data available | | |
| lower flammability limit | No data available | | |
| Vapor Pressure | No data available | None known | |
| Vapor Density | No data available | None known | |
| Specific Gravity | No data available | None known | |
| Water Solubility | Soluble | None known | |
| Solubility in other solvents | Minimal | None known | |

Information on basic physical and chemical properties

| | | |
|---|-------------------|------------|
| Partition coefficient: n-octanol/water | No data available | None known |
| Autoignition Temperature | No data available | None known |
| Decomposition Temperature | No data available | None known |
| Viscosity | Thin gel | |

Flammable Properties Not flammable

Explosive Properties No data available
Oxidizing Properties No data available

Other information

VOC Content (%) None

10. STABILITY AND REACTIVITY**Reactivity**

No dangerous reaction known under conditions of normal use.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to avoid

Glass contact, strong bases or organic anhydrides

Incompatible materials

Strong acids. Strong oxidizing agents.

Hazardous decomposition products

None expected

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Acute Toxicity: LD50 not determined

Delayed and immediate effects and also chronic effects from short and long term exposure

| | |
|--|---|
| <p>Sensitization Mutagenic Effects Carcinogenicity</p> | <p>No information available. No information available. IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable or confirmed human carcinogen by IARC.</p> <p>ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen</p> |
| <p>Reproductive Toxicity STOT - single exposure STOT - repeated exposure Target Organ Effects</p> | <p>No information available. No information available. No information available. Eyes. Respiratory system.</p> |

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

Persistence and Degradability No information available.

Bioaccumulation No information available.

Other Adverse Effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT

| | |
|--|------|
| UN-Number | 1760 |
| Hazard Class | 8 |
| Packing Group | III |
| Description | |
| Emergency Response Guide Number | |

IATA

UN-Number 1760
 Proper Shipping Name Corrosive Liquid, n.o.s. (Phosphoric acid mixture)
 Hazard Class 8
 Packing Group III
 ERG Code
 Description

15. REGULATORY INFORMATION

International Inventories

TSCA All components of this product are either listed or are exempt on the TSCA inventory.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard Yes
 Chronic Health Hazard No
 Fire Hazard No
 Sudden Release of Pressure Hazard No
 Reactive Hazard No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|-----------------|------------|---------------|--------------|
| Phosphoric acid | X | X | X |

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION

| | | | | |
|--------------------|-----------------|----------------|-------------------|-----------------------------------|
| <u>NFPA</u> | Health Hazard 3 | Flammability 0 | Instability 0 | Physical and Chemical Hazards - 0 |
| <u>HMIS</u> | Health Hazard 3 | Flammability 0 | Physical Hazard 0 | Personal Protection X |

Revision Date 29-May-2015

General Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet