

PRODUCTS TECHNIQUES, INC.

Safety Data Sheet

SECTION 1 - PRODUCT & COMPANY INFORMATION

Product Name: RETARDER SOLVENT TO SLOW DRY "NOPOP" Product Code: NO POP

Products/Techniques, Inc.
3271 S. Riverside Ave.
Bloomington, CA 92316

PH: 909.877.3951
FX: 909.877.6078
E-mail: pti@ptipaint.com
Web: www.ptipaint.com

24 HOURS EMERGENCY CONTACT:
CHEMTREC: 1.800.424.9300

OPERATING HOURS: 8:00 am - 4:30 pm PDT

Prepared by: Products/Techniques, Inc.
Contact #: (909) 877-3951

SECTION 2 - HAZARDS IDENTIFICATION

GHS Ratings:

| | | |
|------------------------|--------------|---|
| Oral Toxicity | Acute Tox. 4 | Oral>300+<=2000mg/kg |
| Dermal Toxicity | Acute Tox. 4 | Dermal>1000+<=2000mg/kg |
| Inhalation Toxicity | Acute Tox. 4 | Gases>2500+<=5000ppm, Vapors>10+<=20mg/l, Dusts&mists>1+<=5mg/l |
| Skin corrosive | 3 | Reversible adverse effects in dermal tissue, Draize score: >= 1.5 < 2.3 |
| Eye corrosive | 2B | Mild eye irritant: Subcategory 2B, Reversible in 7 days |
| Respiratory sensitizer | 1B | Respiratory sensitizer |
| Skin sensitizer | 1B | Skin sensitizer |

GHS Hazards

| | |
|------|---|
| H302 | Harmful if swallowed |
| H305 | May be harmful if swallowed and enters airways |
| H313 | May be harmful in contact with skin |
| H317 | May cause an allergic skin reaction |
| H320 | Causes eye irritation |
| H332 | Harmful if inhaled |
| H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled |

GHS Precautions

| | |
|------|--|
| P102 | Keep out of reach of children |
| P233 | Keep container tightly closed |
| P262 | Do not get in eyes, on skin, or on clothing |
| P271 | Use only outdoors or in a well-ventilated area |



SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name | CAS number | Weight Concentration % |
|----------------------------|------------|------------------------|
| 2-(2-BUTOXYETHOXY) ETHANOL | 112-34-5 | 100.00% |

SECTION 4 - FIRST AID MEASURES

INHALATION: Not applicable.

EYES: Flush eyes with water immediately after contact. Call physician if irritation persists.

SKIN: Not applicable.

INGESTION: If prolonged nausea or pain occurs call a doctor.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: 106 C (223 F)

LEL: 1.00

UEL: 25.00

NON FLAMMABLE

EXTINGUISHING MEDIA: As appropriate for surrounding fire. Use water, dry chemical, carbon dioxide, or foam.

SPECIAL PROCEDURES: Fire fighter should wear self contained breathing apparatus as for surrounding fire.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPILL/LEAK PROCEDURES: Absorb the spill with a paper towel or rag.

SECTION 7 - HANDLING & STORAGE

HANDLING PRECAUTIONS: No unusual precaution are necessary.

STORAGE REQUIREMENTS: KEEP OUT OF REACH OF CHILDREN AND PETS.

SECTION 8 - EXPOSURE CONTROL AND PERSONAL PROTECTION

| Chemical Name / CAS No. | OSHA Exposure Limits | ACGIH Exposure Limits | Other Exposure Limits |
|---|---|-----------------------|-----------------------|
| 2-(2-BUTOXYETHOXY) ETHANOL 112-34-5 | TWA 20ppm TWA 50ppm 240mg/m ³ | Not Established | Not Established |

ENGINEERING CONTROLS: Not Applicable.

PROTECTIVE GEAR: Not Applicable.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

| | |
|--|---|
| Appearance Clear liquid Boiling Point 230 °C Weight/Gallon 7.95 VOC(lbs/gal) Less H2O and Exempt Compounds 7.94 Specific Gravity 0.95 | Physical State Liquid Wt% Solids 0.00 VOC(g/l) Less H2O and Exempt Compounds 952.57 VOC (g/L) Material 952.57 % VOC (C.A.R.B) 100.00 |
|--|---|

SECTION 10 - REACTIVITY & STABILITY

STABLE

INCOMPATIBILITIES: None known.

Hazardous polymerization will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Mixture Toxicity

Oral Toxicity LD50: 3,384mg/kg

Dermal Toxicity LD50: 2,700mg/kg

Component Toxicity

112-34-5

2-(2-BUTOXYETHOXY) ETHANOL

Oral LD50: 3,384 mg/kg (Rat) Dermal LD50: 2,700 mg/kg (Rabbit)

None known.

ROUTES OF ENTRY: skin contact, eye contact, ingestion.

Inhalation

Skin Contact

Eye Contact

Ingestion

TARGET ORGANS: None known.

Effects of Overexposure

CARCINOGENICITY: None as listed by NTP, IARC, or OSHA.

CAS Number

Description

% Weight

Carcinogen Rating

ACUTE TOXICITY: None known.

CONDITIONS AGGRAVATED: None known.

CHRONIC EFFECTS: None as listed by NTP, IARC, or OSHA

SECTION 12 - ECOLOGICAL INFORMATION

This product is biodegradable.

Component Ecotoxicity

2-(2-BUTOXYETHOXY)
ETHANOL

96 Hr LC50 Lepomis macrochirus: 1300 mg/L [static]
24 Hr EC50 water flea: 2850 mg/L; 48 Hr EC50 Daphnia magna: >100 mg/L
96 Hr EC50 Scenedesmus subspicatus: >100 mg/L

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state, and national regulations.

SECTION 14 - TRANSPORTATION / SHIPPING INFORMATION

Not regulated.

| <u>Agency</u> | <u>Proper Shipping Name</u> | <u>UN Number</u> | <u>Packing Group</u> | <u>Hazard Class</u> |
|---------------|-----------------------------|------------------|----------------------|---------------------|
| D.O.T | NOT REGULATED | N/A | N/A | N/A |

SECTION 15 - REGULATORY INFORMATION

SARA HAZARD CATEGORY: The product has been reviewed according to the EPA 'Hazard Categories' promulgated under sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

112-34-5 2-(2-BUTOXYETHOXY) ETHANOL Acute Health Hazard, Chronic Health Hazard

| <u>Country</u> | <u>Regulation</u> | <u>All Components Listed</u> |
|----------------|-------------------|------------------------------|
|----------------|-------------------|------------------------------|

EU Risk Phrases

Safety Phrase

- None

SECTION 16 - OTHER INFORMATION

The information in this MSDS relates only to the specific material designated herein and does not relate to use in combination with any other material or any other process.

Hazardous Material Information System (HMIS)

| | |
|---------------------|---|
| HEALTH | 2 |
| FLAMMABILITY | 1 |
| PHYSICAL HAZARD | 0 |
| PERSONAL PROTECTION | X |

HMIS & NFPA Hazard Rating

Legend

* = Chronic Health Hazard

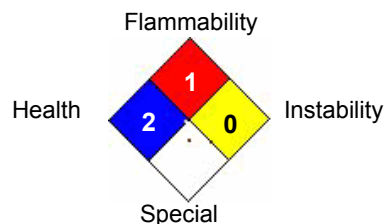
0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

National Fire Protection Association (NFPA)



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Reviewer Revision

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