



SAFETY DATA SHEET

SECTION 1 - Chemical Product and Company Information

Product Name: HYDRO-PURE TOPCOAT20 DEG Product Code: HPURE-0020

Manufactured by:

Gemini Coatings
2300 Holloway Drive
El Reno, OK 73036
800-262-5710

24- Hour Emergency (Spill, Leak, Exposure or Accident):
INFOTRAC 800-535-5053
Outside USA, Call Collect 1-352-323-3500

24- Hour Emergency HAZMAT Response and MSDS Help:
EMI 800-510-8510

Product Use: A protective and/or decorative finish or accompanying product (reference label or product data sheet for more information).

Not recommended for: Any other use not detailed on product data sheet or label.

SECTION 2 - Hazards Identification

GHS Ratings:

| | | |
|--------------------|--------------|---|
| Flammable liquid | 3 | Flash point $\geq 23^{\circ}\text{C}$ and $\leq 60^{\circ}\text{C}$ (140°F) |
| Dermal Toxicity | Acute Tox. 4 | Dermal >1000 and ≤ 2000 mg/kg |
| Skin corrosive | 3 | Reversible adverse effects in dermal tissue, Draize score: ≥ 1.5 and < 2.3 |
| Eye corrosive | 1 | Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity ≥ 3 , Iritis > 1.5 |
| Reproductive toxin | 1A | Based on human evidence |

GHS Hazards

| | |
|------|--|
| H226 | Flammable liquid and vapour |
| H312 | Harmful in contact with skin |
| H316 | Causes mild skin irritation |
| H318 | Causes serious eye damage |
| H360 | May damage fertility or the unborn child |

GHS Precautions

| | |
|------|---|
| P201 | Obtain special instructions before use |
| P202 | Do not handle until all safety precautions have been read and understood |
| P210 | Keep away from heat/sparks/open flames/hot surfaces – No smoking |
| P233 | Keep container tightly closed |
| P240 | Ground/bond container and receiving equipment |
| P241 | Use explosion-proof electrical/ventilating/light/mixers/equipment |
| P242 | Use only non-sparking tools |
| P243 | Take precautionary measures against static discharge |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection |
| P281 | Use personal protective equipment as required |
| P310 | Immediately call a POISON CENTER or doctor/physician |
| P312 | Call a POISON CENTER or doctor/physician if you feel unwell |
| P322 | Specific measures (see First Aid section on this label) |
| P363 | Wash contaminated clothing before reuse |

| | |
|----------------|--|
| P302+P352 | IF ON SKIN: Wash with soap and water |
| P303+P361+P353 | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower |
| P305+P351+P338 | IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing |
| P308+P313 | IF exposed or concerned: Get medical advice/attention |
| P332+P313 | If skin irritation occurs: Get medical advice/attention |
| P370+P378 | In case of fire: Use the NFPA Class B extinguisher for extinction |
| P405 | Store locked up |
| P403+P235 | Store in a well ventilated place. Keep cool |
| P501 | Do not flush to sewer, watershed or waterway. Dispose of product in accordance with applicable local, county, state and federal regulations. |

Signal Word: Danger



SECTION 3 - Composition/Information on Ingredients

| Chemical Name / CAS No. | OSHA Exposure Limits | ACGIH Exposure Limits | Other Exposure Limits |
|-----------------------------------|---------------------------------------|-----------------------|---|
| 2-BUTOXYETHANOL 111-76-2 5% | 50 ppm TWA; 240 mg/m ³ TWA | 20 ppm TWA | NIOSH: 5 ppm TWA; 24 mg/m ³ TWA |

SECTION 4 - First Aid Measures

Inhalation:

Remove exposed individual to fresh air and assist breathing if necessary. Vapor or mist can cause headache, nausea and irritation of the nose, throat and lungs in poorly ventilated areas.

Eye Contact:

Direct contact may cause eye irritation. Flush eyes with lukewarm water for 15 minutes. Seek medical attention immediately.

Skin:

Irritating to the skin on repeated or prolonged contact. Remove contaminated clothing, wash area immediately with soap and water. See physician if irritation persists.

Ingestion:

Can cause gastrointestinal irritation. Rinse mouth out immediately. DO NOT induce vomiting. Contact physician or poison control center immediately.

SECTION 5 - Fire Fighting Measures

Alcohol Foam, CO₂, Dry Chemical

Closed containers exposed to extreme heat may rupture due to pressure buildup. Product will not burn but may spatter if temperature exceeds boiling point of product.

Dried finish can burn, giving off oxides of carbon.

None known. However, fire fighters should wear self-contained breathing apparatus to avoid inhalation if material is involved in a general fire.

SECTION 6 - Accidental Release Measures

Keep out of sewers. Dike spill area and add absorbent earth, sand or sawdust to spilled liquid. Collect absorbent/spilled liquid into metal containers. Dispose of in accordance with local, state and federal regulations. DO NOT incinerate closed containers. Incinerate in approved facilities. Follow all hazard precautions given in this data sheet until container is thoroughly cleaned and destroyed.

SECTION 7- Handling and Storage

Handling:

Bond and ground metal containers when transferring liquid. Avoid free fall of liquid in excess of a few inches. Personnel should avoid inhalation of vapors. Personal contact with the product should be avoided. Should contact be made, remove saturated clothing and flush affected skin areas with water. Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in this sheet must be observed.

** Keep temperature above 32 Degrees F.

Storage:

Keep containers tightly closed when not in use. Keep product containers cool, dry and away from sources of ignition. Use and store this product with adequate ventilation. DO NOT SMOKE in or near storage areas. KEEP FROM FREEZING.

SECTION 8 - Exposure Controls/Personal Protection

| Chemical Name / CAS No. | OSHA Exposure Limits | ACGIH Exposure Limits | Other Exposure Limits |
|-----------------------------|------------------------------|-----------------------|-----------------------------------|
| 2-BUTOXYETHANOL 111-76-2 | 50 ppm TWA; 240 mg/m3 TWA | 20 ppm TWA | NIOSH: 5 ppm TWA; 24 mg/m3 TWA |

Provide general clean air dilution or local exhaust ventilation in volume and pattern to keep the air contaminant concentration below applicable exposure limits.

Avoid prolonged or repeated breathing of vapors.

Respiratory Protection:

If exposure exceeds TLV or PELs, use NIOSH approved respirator to prevent overexposure.

Skin Protection:

Polyethylene handling gloves for skin protection. Must be impervious to water and soap.

Eye Protection:

Wear splash proof goggles and face shield if there is a likelihood of contact with eyes. Provide eyewash station and emergency shower. Use of protective creams, head caps, etc. is recommended.

Hygienic Practices

Wash hands thoroughly before eating or using the restroom. Remove contaminated clothing immediately and do not wear again until it has been properly laundered.

SECTION 9 - Physical and Chemical Properties

| | |
|---------------------------------------|--|
| Vapor Density Heavier Than Air | Evaporation Rate Slower than Butyl Acetate |
| Boiling range: 100 - 168°C | Melting point: N/A |
| Freezing point: N/A | Flash point: 140°F, 60°C |
| Flammability: N/A | Explosive Limits: N/A |

| | |
|---|---|
| Autoignition temperature: 230°C Relative Density: N/A Odor threshold: N/A SPECIFIC GRAVITY 1.0389 Partition coefficient (n- N/A octanol/water): Grams VOC less water: N/A % WT. VOLATILE (VOC) 5.9924 Lbs VOC/Gallon Solids 1.8870 SOLIDS VOL% 27.4713 SPREAD @ 1 MIL 440.6399 Appearance Colored Liquid Physical State Liquid Coating VOC (g/l) 180.5403 Coating VOC (Lb/Gl) 1.5066 | Decomposition temperature: N/A Vapor Pressure N/A pH: N/A Solubility: N/A Viscosity: N/A % VOLUME VOLATILE (VOC) 6.9358 % Pig. by wt. 0.6935 VOLATILE WT% 69.2665 DENSITY (Lb/Gal) 8.6509 HAPS (lbs/gl) 0.0127 Odor N/A Material VOC (g/l) 62.1187 Material VOC (Lb/Gl) 0.5184 |
|---|---|

SECTION 10 - Stability and Reactivity

Stability: Stable under normal conditions.

Materials to Avoid: None known.

Conditions to avoid: Excessive heat, poor ventilation, excessive aging.

Hazardous Decomposition: Thermal decomposition or combustion can produce fumes of carbon dioxide and carbon monoxide.

Hazardous polymerization will not occur.

SECTION 11 - Toxicological Information

Mixture Toxicity

Dermal Toxicity LD50: 1,862mg/kg

Component Toxicity

111-76-2

2-BUTOXYETHANOL

Oral LD50: 470 mg/kg (Rat) Dermal LD50: 99 mg/kg (Rabbit) Inhalation LC50: 486 ppm (Rat)

Primary Routes of Entry: Inhalation, Skin Contact, Eyes, Ingestion

Skin:

Skin contact can cause redness, dryness or rash. Prolonged contact can cause irritation, dry skin, cracks, and dermatitis.

Ingestion:

Can cause vomiting, nausea, diarrhea, and gastrointestinal irritation.

Inhalation:

Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea. Breathing high vapor concentrations may produce narcosis. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentration and inhaling the contents may be harmful or fatal.

Eyes:

Can cause irritation, redness, tearing and blurred vision.

Carcinogenicity: The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as

carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).

CAS Number

Description

% Weight

Carcinogen Rating

None

N/A

SECTION 12 - Ecological Information

Ecological Information:

Uncontrolled release of the product may result in contamination of air, ground, waterways and/or sewers.

Component Ecotoxicity

2-BUTOXYETHANOL

LC50 96 h *Lepomis macrochirus* 1490 mg/L [static] (EPA); LC50 96 h *Lepomis macrochirus* 2950 mg/L (IUCLID)

EC50 48 h *Daphnia magna* >1000 mg/L (EPA)

SECTION 13 - Disposal Considerations

Do not flush to sewer, watershed or waterway. Dispose of product in accordance with applicable local, county, state and federal regulations. See Section 8 for information on exposure control and necessary personal protective equipment.

SECTION 14 - Transportation Information

Ship according to the Department of Transportation (DOT) 49 CFR regulations.

Agency

Proper Shipping Name

UN Number

Packing Group

Hazard Class

DOT

NOT REGULATED

Freight Class:

SECTION 15 - Regulatory Information

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986):

This product contains the following listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

- None

The following ingredients are listed in the TSCA Section 8(b) Inventory (Hydrated forms of chemical substances are exempt from the inventory as mixtures; the anhydrous chemical substances, however, are reportable for the Inventory):

111-76-2 2-BUTOXYETHANOL

7732-18-5 Water

US CAA Section 112 Hazardous Air Pollutants (HAPs) List

- None

US EPCRA (SARA Title III) Section 313 - Toxic Chemical:

- None

Hazardous Material Information System (HMIS)

| | | |
|---------------------|-------------------------------------|---------------------------|
| HEALTH | <input type="text" value="3"/> | HMIS & NFPA Hazard Rating |
| FLAMMABILITY | <input type="text" value="2"/> | Legend |
| PHYSICAL HAZARD | <input type="text" value="0"/> | * = Chronic Health Hazard |
| PERSONAL PROTECTION | <input checked="" type="checkbox"/> | 0 = INSIGNIFICANT |
| | | 1 = SLIGHT |
| | | 2 = MODERATE |
| | | 3 = HIGH |

SECTION 16 - Disclaimer

Date Prepared: 12/13/2019

Reviewer Revision

THIS DOCUMENT SUPERSEDES ANY PROVISION CONTAINED IN THE FORMS, LETTERS, AND PAPERS OF YOUR COMPANY. THIS PRODUCT IS DESIGNED AND INTENDED FOR PROFESSIONAL APPLICATION ONLY.

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