



SAFETY DATA SHEET

SECTION 1 - Chemical Product and Company Information

Product Name: HYDRO-PURE WHITE TOPCOAT FLAT Product Code: HPUREW-1010

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:

Not recommended for:

SECTION 2 - Hazards Identification

GHS Ratings:

Carcinogen 1A
Reproductive toxin 1A

Known Human Carcinogen Based on human evidence
Based on human evidence

GHS Hazards

H350 May cause cancer
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
P281 Use personal protective equipment as
required
P308+P313 IF exposed or concerned: Get medical
advice/attention
P405 Store locked up
P501 Do not flush to sewer, watershed or
waterway. Dispose of product in
accordance with applicable local,
county, state and federal regulations.

Signal Word:



SECTION 3 - Composition/Information on Ingredients

| Chemical Name / CAS No. | OSHA Exposure Limits | ACGIH Exposure Limits | Other Exposure Limits |
|--|---------------------------|-----------------------|-----------------------|
| Titanium dioxide 13463-67-7 18% | 15 mg/m3 TWA (total dust) | 10 mg/m3 TWA | |
| Silica, amorphous 7631-86-9 1.0% | | | NIOSH: 6 mg/m3 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 |
|--------------------------------|---------------------------|-----------------------|-----------------------|
| Titanium dioxide 13463-67-7 | 15 mg/m3 TWA (total dust) | 10 mg/m3 TWA | |
| Silica, amorphous 7631-86-9 | | | NIOSH: 6 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

| | |
|---|---|
| Appearance Colored Liquid | Odor N/A |
| Physical State Liquid | Vapor Density Heavier Than Air |
| Evaporation Rate Slower than Butyl Acetate | Boiling Range 100 to 3000 °C, 212 to 5432 °F |
| % Vol. volatile (VOC) 0.0000 | % Wt. volatile (VOC) 0.0000 |
| Coating VOC (Lb/Gl) 0.0393 | Coating VOC (g/l) 4.7079 |
| Material VOC (g/l) 1.8221 | PIGMENT WT% 20.5679 |
| VOLATILE WT% 50.0146 | Lbs VOC/Gallon Solids 0.0395 |
| SOLIDS VOL% 38.4658 | DENSITY (Lb/Gal) 10.2565 |
| SPREAD @ 1 MIL 616.9918 | HAPS (lbs/gl) 0.0131 |

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

Component Toxicity

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).

| <u>CAS Number</u> | <u>Description</u> | <u>% Weight</u> | <u>Carcinogen Rating</u> |
|-------------------|--------------------|-----------------|---|
| 13463-67-7 | Titanium dioxide | 18% | Titanium dioxide: NIOSH: potential occupational carcinogen IARC: Possible human carcinogen OSHA: listed |

SECTION 12 - Ecological Information**Ecological Information:**

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

Component Ecotoxicity

| | |
|-------------------|---|
| Silica, amorphous | LC50 96 h Brachydanio rerio 5000 mg/L [static] (IUCLID) |
| | EC50 48 h Ceriodaphnia dubia 7600 mg/L (IUCLID) |
| | EC50 72 h Pseudokirchneriella subcapitata 440 mg/L (IUCLID) |

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.

| <u>Agency</u> | <u>Proper Shipping Name</u> | <u>UN Number</u> | <u>Packing Group</u> | <u>Hazard Class</u> |
|---------------|-----------------------------|------------------|----------------------|---------------------|
|---------------|-----------------------------|------------------|----------------------|---------------------|

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.

13463-67-7 Titanium dioxide

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):

7631-86-9 Silica, amorphous
77-90-7 1,2,3-Propanetricarboxylic acid, 2-(acetyloxy)-, tributyl ester
13463-67-7 Titanium dioxide
7732-18-5 Water

Hazardous Material Information System (HMIS)

| | |
|---------------------|-------------------------------------|
| HEALTH | <input type="text" value="3"/> |
| FLAMMABILITY | <input type="text" value="2"/> |
| PHYSICAL HAZARD | <input type="text" value="0"/> |
| PERSONAL PROTECTION | <input checked="" type="checkbox"/> |

HMIS & NFPA Hazard Rating
Legend
 * = Chronic Health Hazard
 0 = INSIGNIFICANT
 1 = SLIGHT
 2 = MODERATE
 3 = HIGH

SECTION 16 - Disclaimer

Date Prepared: 10/2/2018

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. ALL PRODUCTS SHOULD BE THOROUGHLY TESTED UNDER APPLICATION CONDITIONS PRIOR TO USE. THE INFORMATION CONTAINED HEREIN IS BELIEVED TO BE RELIABLE. HOWEVER, GEMINI MAKES NO WARRANTY CONCERNING THIS PRODUCT, WHETHER EXPRESS OR IMPLIED. INCLUDING THE WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. UNDER NO CIRCUMSTANCES SHALL GEMINI BE LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL OR ANY OTHER DAMAGES FROM ALLEGED NEGLIGENCE, BREACH OR WARRANTY, STRICT LIABILITY, OR ANY OTHER LEGAL THEORY, ARISING OUT OF THE USE OR HANDLING OF THIS PRODUCT. THE SOLE REMEDY OF THE BUYER AND THE SOLE LIABILITY OF GEMINI FOR ANY CLAIMS SHALL BE LIMITED TO THE BUYER'S PURCHASE PRICE OF THE PRODUCT WHICH IS THE SUBJECT OF THE CLAIM OR THE AMOUNT ACTUALLY PAID FOR SUCH PRODUCT, WHICHEVER IS LESS. TECHNICAL ADVICE FURNISHED BY GEMINI SHALL NOT CONSTITUTE AN EXPRESS WARRANTY, WHICH IS EXPRESSLY DISCLAIMED. ALL TECHNICAL ADVICE GIVEN IS ACCEPTED AT THE RISK OF THE BUYER.