



SAFETY DATA SHEET

SECTION 1 - Chemical Product and Company Information

Product Name: AQUA-PLAST WB URETHANE SEMI GLOSS Product Code: AH275B117

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 | 4 | Flash point $\geq 60^{\circ}\text{C}$ (140°F) and $\leq 93^{\circ}\text{C}$ (200°F) |
| Oral Toxicity | Acute Tox. 2 | Oral >5 and ≤ 50 mg/kg |
| Mutagen | 1B | Known to produce heritable mutations in human germ cells Subcategory 1B, Positive results: In vivo heritable germ cell tests in mammals, Human germ cell tests, In vivo somatic mutagenicity tests, combined with some evidence of germ cell mutagenicity |
| Carcinogen | 1B | Presumed Human Carcinogen, Based on demonstrated animal carcinogenicity |

GHS Hazards

| | |
|------|---------------------------|
| H227 | Combustible liquid |
| H300 | Fatal if swallowed |
| H340 | May cause genetic defects |
| H350 | May cause cancer |

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 |
| P235 | Keep cool |
| P264 | Wash any exposed skin thoroughly after handling |
| P270 | Do not eat, drink or smoke when using this product |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection |
| P281 | Use personal protective equipment as required |
| P321 | Specific treatment (see First Aid section on this label) |
| P330 | Rinse mouth |
| P301+P310 | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician |
| P308+P313 | IF exposed or concerned: 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-Propanol, 1-(2-butoxy-1-methylethoxy)- 29911-28-2 4% | | | |
| Dipropylene glycol monomethyl ether 34590-94-8 3% | 100 ppm TWA; 600 mg/m ³ TWA | 150 ppm STEL 100 ppm TWA | NIOSH: 100 ppm TWA; 600 mg/m ³ TWA 150 ppm STEL; 900 mg/m ³ STEL |
| Naphtha, petroleum, heavy alkylate 64741-65-7 0.3% | | | |

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-Propanol, 1-(2-butoxy-1-methylethoxy)- 29911-28-2 | | | |
| Dipropylene glycol monomethyl ether 34590-94-8 | 100 ppm TWA; 600 mg/m3 TWA | 150 ppm STEL 100 ppm TWA | NIOSH: 100 ppm TWA; 600 mg/m3 TWA 150 ppm STEL; 900 mg/m3 STEL |
| Naphtha, petroleum, heavy alkylate 64741-65-7 | | | |

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

| | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Vapor Density Heavier Than Air</p> <p>Boiling range: 100 - 190°C</p> <p>Freezing point: N/A</p> <p>Flammability: N/A</p> <p>Autoignition temperature: 189°C</p> | <p>Evaporation Rate Slower than Butyl Acetate</p> <p>Melting point: N/A</p> <p>Flash point: 167°F, 75°C</p> <p>Explosive Limits: N/A</p> <p>Decomposition temperature: N/A</p> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Relative Density: N/A Odor threshold: N/A SPECIFIC GRAVITY 1.0222 Partition coefficient (n- N/A octanol/water): Grams VOC less water: N/A % WT. VOLATILE (VOC) 8.8308 Lbs VOC/Gallon Solids 2.7049 SOLIDS VOL% 27.7886 SPREAD @ 1 MIL 445.7285 Appearance Colored Liquid Physical State Liquid Coating VOC (g/l) 238.3878 Coating VOC (Lb/Gl) 1.9894 | Vapor Pressure N/A pH: N/A Solubility: N/A Viscosity: N/A % VOLUME VOLATILE (VOC) 9.9952 % Pig. by wt. 0.9745 VOLATILE WT% 69.6347 DENSITY (Lb/Gal) 8.5118 HAPS (lbs/gl) 0.0676 Odor N/A Material VOC (g/l) 90.0718 Material VOC (Lb/Gl) 0.7517 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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

Oral Toxicity LD50: 32mg/kg
Inhalation Toxicity LC50: 600mg/L

Component Toxicity

64741-65-7 Naphtha, petroleum, heavy alkylate
Dermal LD50: 2,000 mg/kg (Rabbit) Inhalation LC50: 5 mg/L (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).

| <u>CAS Number</u> | <u>Description</u> | <u>% Weight</u> | <u>Carcinogen Rating</u> |
|-------------------|------------------------------------|-----------------|-----------------------------------------------------------|
| 64741-65-7 | Naphtha, petroleum, heavy alkylate | 0.3% | Naphtha, petroleum, heavy alkylate: EU REACH: Present (P) |

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-Propanol, 1-(2-butoxy-1-methylethoxy)- | LC50 96 h Poecilia reticulata 841 mg/L [static] |
| Dipropylene glycol monomethyl ether | LC50 96 h Pimephales promelas >10000 mg/L [static] LC50 48 h Daphnia magna 1919 mg/L (IUCLID) |
| Naphtha, petroleum, heavy alkylate | LC50 48 h Mysidopsis bahia 2 mg/L (IUCLID) EC50 72 h Pseudokirchneriella subcapitata 30000 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> |
|-----------------------|-----------------------------|------------------|----------------------|---------------------|
| 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):

- 64741-65-7 Naphtha, petroleum, heavy alkylate
- 34590-94-8 Dipropylene glycol monomethyl ether
- 29911-28-2 2-Propanol, 1-(2-butoxy-1-methylethoxy)-
- 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 | 1 | HMIS & NFPA Hazard Rating Legend * = Chronic Health Hazard 0 = INSIGNIFICANT 1 = SLIGHT 2 = MODERATE 3 = HIGH |
| FLAMMABILITY | 2 | |
| PHYSICAL HAZARD | 0 | |
| PERSONAL PROTECTION | X | |

SECTION 16 - Disclaimer

Date Prepared: 3/21/2023

Date revised: 2022-11-07

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.