

SAFETY DATA SHEET

SECTION 1 - MANUFACTURER'S IDENTIFICATION

Product Name: AQUANAUT II GLOSS ACRYLIC EN. W.T.B. Product Code: A-1241W
Manufacturer's Name: Induron Protective Coatings, LLC Emergency Phone: 1-800-424-9300
Address: 3333 Richard Arrington Blvd. N. Information Phone: (205)324-9584
Birmingham, Alabama 35234

Section 2 - Composition / Information on Ingredients

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. 3 | Oral >50 and ≤ 300 mg/kg |
| Carcinogen | 2 | Limited evidence of human or animal carcinogenicity |
| Reproductive toxin | 1B | Presumed, Based on experimental animals |

GHS Hazards

| | |
|------|--|
| H227 | Combustible liquid |
| H301 | Toxic if swallowed |
| H351 | Suspected of causing 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 |
| P210 | Keep away from heat/sparks/open flames/hot surfaces - No smoking. |
| P235 | Keep cool |
| P264 | Wash equipment and contaminated 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 | Wash contaminated skin, follow Physician's instructions for treatment. |
| 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 CO ₂ , water spray, foam, or dry chemical to extinguish. |
| P405 | Store locked up |
| P403+P235 | Store in a well ventilated place. Keep cool |
| P501 | Dispose of contents/container in accordance to appropriate regulations and laws. |

Signal Word: Danger



Preexisting skin, eye, and respiratory disorders may be aggravated by exposure to this product. Impaired kidney and liver functions from preexisting disorders may be aggravated by exposure to this product.

Kidney damage may be evidenced by changes in urine output, urine appearance, or edema (swelling from fluid retention). Liver damage may be evidenced by loss of appetite, jaundice and sometimes pain in the upper abdomen on the right side.

Section 3 - Hazards Identification

| Chemical Name | CAS number | Weight Concentration % |
|----------------------------------|------------|------------------------|
| Titanium Dioxide Colorant | 13463-67-7 | 20.00% - 30.00% |
| GLYCOL ETHER DM | 111-77-3 | 1.00% - 5.00% |
| Texanol | 25265-77-4 | 1.00% - 5.00% |
| DIPROPYLENE GLYCOL n-BUTYL ETHER | 29911-28-2 | 1.00% - 5.00% |

Section 4 - First Aid Measures

INHALATION - If product solids are inhaled either as dust or in the form of a spray mist, remove the person from exposure immediately. If breathing is difficult, irregular, or has stopped, start resuscitation; call a physician. Administer oxygen if a qualified operator is available.

EYE CONTACT - In case of eye contact, flush the eyes with water for fifteen (15) minutes. If contact lenses are worn, quickly remove them, then flush the eyes with water. Have a physician examine the eyes.

SKIN CONTACT - In case of skin contact, remove contaminated clothing. Flush the skin with large amounts of water, then wash the skin with soap and water.

INGESTION - If material is ingested, seek immediate medical attention. If vomiting occurs spontaneously, keep the head below the hips to prevent aspiration of liquid into the lungs.

Notes to Physician: No data found

Section 5 - Fire Fighting Measures

Flash Point: 86 C (187 F)

LEL: 1.00

UEL: 22.00

Non Combustible Product

EXTINGUISHING MEDIA: Use carbon dioxide (CO₂), "alcohol" foam, dry chemical systems, water spray, normal water extinguishing.

UNUSUAL FIRE OR EXPLOSION HAZARDS: The product may contain vapors that will flash, but will not catch on fire.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon and hydrocarbons

FIRE FIGHTING: If evacuation of personnel is necessary, evacuate to an upwind area. Decontaminate personnel and equipment with a water wash-down after fire and smoke exposure. Use water spray to cool unopened containers.

Fire Equipment: If evacuation of personnel is necessary, evacuate to an upwind area. Decontaminate personnel and equipment with a water wash-down after fire and smoke exposure.

Section 6 - Accidental Release Measures

SPILL AND LEAK PROCEDURES: Spill supervisor - Ensure cleanup personnel wear all appropriate Personal Protective Equipment (PPE), including respiratory protection. Remove all ignition sources. Keep nonessential personnel away from the contaminated area.

SMALL SPILLS: Ventilate the contaminated area. Using nonsparking tools, mix the appropriate sorbent into the spilled material. Use an absorbent like sawdust for aqueous, waterborne, and solvent-borne coatings.

Collect the saturated sorbent and transfer it into a covered container. Steel containers are acceptable for all wastes except wastes which contain acid. Use suitable plastic containers for acid-bearing wastes. Wet absorbant materials with water to prevent spontaneous combustion with alkylid type formulas.

Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

LARGE SPILLS: Prevent this material from entering sewers and watercourses by diking or impounding the spilled material. Advise authorities if the product has entered or may enter, sewers, watercourses, or extensive land areas.

Ventilate the contaminated area. Using nonsparking tools, mix the appropriate sorbent into the spilled material. Use an absorbent like sawdust for aqueous, waterborne, and solvent-borne coatings.

Collect the saturated sorbent and transfer it into a covered container. Steel containers are acceptable for all wastes except wastes which contain acid. Use suitable plastic containers for acid-bearing wastes. Wet absorbant with water for alkyd type spills.

Section 7 - Handling and Storage

HANDLING PRECAUTIONS: Wear all appropriate Personal Protective Equipment (PPE). Wear respiratory protection or ensure adequate ventilation at all times as vapors can accumulate in confined or poorly ventilated areas. Use the product in a manner which minimizes splashes and/or the creation of dust. Keep containers closed when not in use. Do not handle or store material near heat, sparks, open flames, or other sources of ignition. Store at room temperatures, i.e., 40 to 95 F (4 to 35 C).

STORAGE: Prevent from freezing. Do not store above 120 F (49 C).

Store only in original containers.

REGULATORY REQUIREMENTS: No data found.

Section 8 - Exposure Controls / Personal Protection

| Chemical Name / CAS No. | OSHA Exposure Limits | ACGIH Exposure Limits | Other Exposure Limits |
|--|---------------------------------------|--------------------------|-----------------------|
| Titanium Dioxide Colorant 13463-67-7 | 15 mg/m ³ TWA (total dust) | 10 mg/m ³ TWA | Not Established |
| GLYCOL ETHER DM 111-77-3 | Not Established | Not Established | Not Established |
| Texanol 25265-77-4 | Not Established | Not Established | Not Established |
| DIPROPYLENE GLYCOL n-BUTYL ETHER 29911-28-2 | Not Established | Not Established | Not Established |

ENGINEERING: Ensure processing (curing) ovens are properly vented to prevent the introduction of processing fumes into the workplace. Use explosion-proof equipment and good manufacturing practice.

VENTILATION: Use only with adequate ventilation, i.e., ventilation in compliance with occupational exposure limits.

ADMINISTRATIVE CONTROLS: No data found.

PROTECTIVE EQUIPMENT: Wear splash goggles. If extra protection is required, wear a face shield over the splash goggles. Face shields are effective only if worn in addition to splash goggles.

Wear a chemical-resistant, butyl-rubber apron and other protective clothing, as deemed appropriate, to avoid skin contact with material.

Wear chemical-resistant gloves (butyl rubber or neoprene). Protective gloves should be inspected frequently and discarded when they exhibit cuts, tears, pinholes, or signs of excessive wear.

CONTAMINATED EQUIPMENT: Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

Section 9 - Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstances:

| | |
|---|---|
| Appearance: N/A Vapor Pressure: 0.41 mmHg Vapor Density: 5.0 DENSITY 10.13 | Odor: N/A Odor threshold: N/A pH: N/A Melting point: N/A |
|---|---|

| | |
|--|--|
| Freezing point: N/A Boiling range: 100°C Evaporation rate: N/A Explosive Limits: N/A Autoignition temperature: N/A Viscosity: N/A | Solubility: N/A Flash point: 187 F,86 C Flammability: N/A Partition coefficient (n-octanol/water): N/A Decomposition temperature: N/A Coating VOC Lb/Gal 1.78 |
|--|--|

Section 10 - Stability and Reactivity

Stability: This product is stable under normal storage and handling.
 STABLE

Components of this mixture are incompatible with the following materials: Strong acids and bases can cause coagulation of the latex and failure of the product

This mixture is likely to exhibit the following combustion products: aliphatics and carbon oxides.

Hazardous polymerization will not occur.

Section 11 - Toxicological Information

Mixture Toxicity

Oral Toxicity LD50: 66mg/kg
 Inhalation Toxicity LC50: 2,367mg/L

Routes of Entry:

Ingestion

Exposure to this material may affect the following organs:

Reproductive System Respiratory System

Effects of Overexposure

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 Colorant | 20 to 30% | Titanium Dioxide Colorant: NIOSH: potential occupational carcinogen IARC: Possible human carcinogen OSHA: listed |

Section 12 - Ecological Information

Ecological information: .

Component Ecotoxicity

| | |
|----------------------------------|--|
| GLYCOL ETHER DM | 96 Hr LC50 Lepomis macrochirus: 7500 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 7500 mg/L; 96 Hr LC50 Pimephales promelas: 5741 mg/L 48 Hr EC50 Daphnia magna: >500 mg/L 72 Hr EC50 Desmodesmus subspicatus: >500 mg/L |
| Texanol | 96 Hr LC50 Pimephales promelas: 30 mg/L 72 Hr EC50 Pseudokirchneriella subcapitata: 18.4 mg/L |
| DIPROPYLENE GLYCOL n-BUTYL ETHER | 96 Hr LC50 Poecilia reticulata: 841 mg/L [static] |

Section 13 - Disposal Considerations

As the US EPA, state, regional, and other regulatory agencies may have jurisdiction over the disposal of your facility's hazardous waste, it is incumbent upon you, the hazardous waste generator, to learn of and satisfy all the requirements which affect you. Dispose of the hazardous waste at a properly licensed and permitted disposal site or facility. Ensure conformity to all applicable hazardous waste disposal regulations.

The US EPA Hazardous Waste Numbers which follow are applicable to this unadulterated product if the product enters the "waste stream." Refer to Title 40 of the Code of Federal Regulations, Part 261 (40 CFR 261). This part of the Code identifies solid wastes which are subject to regulation under various sections of the Code and which are subject to the notification requirements of Section 3010 of the Resource Conservation and Recovery Act (RCRA).

| |
|---|
| Section 14 - Transport Information |
|---|

Section 14 - Transport Information

Not regulated by CFR 49.172.1

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

| |
|-----------------------------------|
| 15: Regulatory Information |
|-----------------------------------|

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING! This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

13463-67-7 Titanium Dioxide Colorant 20 to 30 %

MASSACHUSETTS RIGHT TO KNOW

111-77-3 GLYCOL ETHER DM 1 to 5 %

13463-67-7 Titanium Dioxide Colorant 20 to 30 %

NEW JERSEY RIGHT TO KNOW

13463-67-7 Titanium Dioxide Colorant 20 to 30 %

PENNSYLVANIA RIGHT TO KNOW

111-77-3 GLYCOL ETHER DM 1 to 5 %

13463-67-7 Titanium Dioxide Colorant 20 to 30 %

CHEMICAL LIST FOR SARA 311

111-77-3 GLYCOL ETHER DM

29911-28-2 DIPROPYLENE GLYCOL n-BUTYL ETHER

111-77-3 GLYCOL ETHER DM

CHEMICAL LIST FOR SARA 313

111-77-3 GLYCOL ETHER DM

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

EU Risk Phrases

Safety Phrase

- None

16: OTHER INFORMATION

Hazardous Material Information System (HMIS)

| | | |
|---------------------|---|---|
| HEALTH | * | 1 |
| FLAMMABILITY | | 0 |
| PHYSICAL HAZARD | | 0 |
| PERSONAL PROTECTION | | G |

HMIS & NFPA Hazard Rating

Legend

* = Chronic Health Hazard

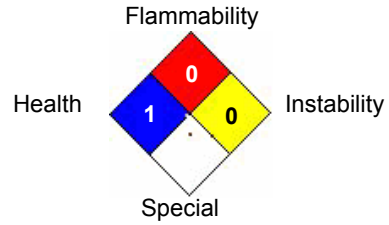
0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

National Fire Protection Association (NFPA)



Reviewer Revision

Date Prepared: 8/5/2016