SAFETY DATA SHEET

SECTION 1- MANUFACTURER'S IDENTIFICATION

Product Name: AQUANAUT II S/G GLOSS ACRYLIC, POLAR WHITE    Product Code: A-1240
Manufacturer's Name: Induron Protective Coatings, LLC
Address: 3333 Richard Arrington Blvd. N.
Birmingham, Alabama 35234
Emergency Phone: 1-800-424-9300
Information Phone: (205)324-9584

Section 2 - Composition / Information on Ingredients

GHS Ratings:

- Flammable liquid: 4
  Flash point >= 60°C (140°F) and <= 93°C (200°F)
- Oral Toxicity: Acute Tox. 3
  Oral>50+<=300mg/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
- 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 CO2, 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 approriate 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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS number</th>
<th>Weight Concentration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium Dioxide Colorant</td>
<td>13463-67-7</td>
<td>20.00% - 30.00%</td>
</tr>
<tr>
<td>GLYCOL ETHER DM</td>
<td>111-77-3</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>Texanol</td>
<td>25265-77-4</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>DIPROPYLENE GLYCOL n-BUTYL ETHER</td>
<td>29911-28-2</td>
<td>1.00% - 5.00%</td>
</tr>
</tbody>
</table>

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 absorbent materials with water to prevent spontaneous combustion with alkyd 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 absorbent with water for alkyd type spills.

| **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.

<table>
<thead>
<tr>
<th><strong>Chemical Name / CAS No.</strong></th>
<th><strong>OSHA Exposure Limits</strong></th>
<th><strong>ACGIH Exposure Limits</strong></th>
<th><strong>Other Exposure Limits</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium Dioxide Colorant 13463-67-7</td>
<td>15 mg/m3 TWA (total dust)</td>
<td>10 mg/m3 TWA</td>
<td>Not Established</td>
</tr>
<tr>
<td>GLYCOL ETHER DM 111-77-3</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>Texanol 25265-77-4</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>DIPROPYLENE GLYCOL n-BUTYL ETHER 29911-28-2</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
</tbody>
</table>

**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.

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**Section 9 - Physical and Chemical Properties**

This mixture typically exhibits the following properties under normal circumstances:

- **Appearance:** N/A
- **Odor:** N/A
- **Vapor Pressure:** 0.41 mmHg
- **Odor threshold:** N/A
- **Vapor Density:** 5.0
- **pH:** N/A
- **Density:** 10.13
- **Melting point:** N/A
**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).

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Description</th>
<th>% Weight</th>
<th>Carcinogen Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>13463-67-7</td>
<td>Titanium Dioxide Colorant</td>
<td>20 to 30%</td>
<td>Titanium Dioxide Colorant: NIOSH: potential occupational carcinogen</td>
</tr>
</tbody>
</table>

**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 |
| Texanol        | 96 Hr LC50 Pimephales promelas: 30 mg/L |
| DIPROPYLENE GLYCOL n-BUTYL ETHER | 96 Hr LC50 Poecilia reticulata: 841 mg/L [static] |

**Section 13 - Disposal Considerations**

SDS for: A-1240
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

**Not regulated by CFR 49.172.1**

<table>
<thead>
<tr>
<th>Agency</th>
<th>Proper Shipping Name</th>
<th>UN Number</th>
<th>Packing Group</th>
<th>Hazard Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT</td>
<td>PAINT</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>IATA</td>
<td>PAINT</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>Country</th>
<th>Regulation</th>
<th>All Components Listed</th>
</tr>
</thead>
<tbody>
<tr>
<td>EU</td>
<td>Risk Phrases</td>
<td></td>
</tr>
</tbody>
</table>

**Safety Phrase**
### Hazardous Material Information System (HMIS)

<table>
<thead>
<tr>
<th>Category</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEALTH</td>
<td>1*</td>
</tr>
<tr>
<td>FLAMMABILITY</td>
<td>0</td>
</tr>
<tr>
<td>PHYSICAL HAZARD</td>
<td>0</td>
</tr>
<tr>
<td>PERSONAL PROTECTION</td>
<td>C</td>
</tr>
</tbody>
</table>

#### HMIS & NFPA Hazard Rating

**Legend**

- * = Chronic Health Hazard
- 0 = INSIGNIFICANT
- 1 = SLIGHT
- 2 = MODERATE
- 3 = HIGH

### National Fire Protection Association (NFPA)

#### Flammability

- 0 = None

#### Health

- 1 = HIGH
- 0 = INSIGNIFICANT

#### Instability

- 1 = MODERATE
- 0 = INSIGNIFICANT

#### Special

- 1 = MODERATE

Date Prepared: 8/5/2016

Reviewer Revision
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
Address: 3333 Richard Arrington Blvd. N.
          Birmingham, Alabama 35234
Emergency Phone: 1-800-424-9300
Information Phone: (205)324-9584

Section 2 - Composition / Information on Ingredients

GHS Ratings:

Flammable liquid 4 Flash point >= 60°C (140°F) and <= 93°C (200°F)
Oral Toxicity Acute Tox. 3 Oral>50+<=300mg/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 CO2, 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 approriate 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.
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<th>Chemical Name</th>
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<tr>
<td>GLYCOL ETHER DM</td>
<td>111-77-3</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>Texanol</td>
<td>25265-77-4</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>DIPROPYLENE GLYCOL n-BUTYL ETHER</td>
<td>29911-28-2</td>
<td>1.00% - 5.00%</td>
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</tbody>
</table>

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 absorbent materials with water to prevent spontaneous combustion with alkyd 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 absorbent 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**

<table>
<thead>
<tr>
<th>Chemical Name / CAS No.</th>
<th>OSHA Exposure Limits</th>
<th>ACGIH Exposure Limits</th>
<th>Other Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium Dioxide Colorant 13463-67-7</td>
<td>15 mg/m3 TWA (total dust)</td>
<td>10 mg/m3 TWA</td>
<td>Not Established</td>
</tr>
<tr>
<td>GLYCOL ETHER DM 111-77-3</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>Texanol 25265-77-4</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>DIPROPYLENE GLYCOL n-BUTYL ETHER 29911-28-2</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
</tbody>
</table>

**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:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>N/A</td>
</tr>
<tr>
<td>Odor</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>0.41 mmHg</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>5.0</td>
</tr>
<tr>
<td>pH</td>
<td>N/A</td>
</tr>
<tr>
<td>DENSITY</td>
<td>10.13</td>
</tr>
<tr>
<td>Melting point</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**SDS for: A-1241W**

Page 3 of 6

Printed: 8/5/2016 at 12:23:12PM
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).

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Description</th>
<th>% Weight</th>
<th>Carcinogen Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>13463-67-7</td>
<td>Titanium Dioxide Colorant</td>
<td>20 to 30%</td>
<td>Titanium Dioxide Colorant: NIOSH: potential occupational carcinogen</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>IARC: Possible human carcinogen</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OSHA: listed</td>
</tr>
</tbody>
</table>

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

Not regulated by CFR 49.172.1

<table>
<thead>
<tr>
<th>Agency</th>
<th>Proper Shipping Name</th>
<th>UN Number</th>
<th>Packing Group</th>
<th>Hazard Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT</td>
<td>PAINT</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>IATA</td>
<td>PAINT</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

### 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

**Country** | **Regulation** | **All Components Listed**
--- | --- | ---
EU Risk Phrases

**Safety Phrase**
Hazardous Material Information System (HMIS) 

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>PHYSICAL HAZARD</th>
<th>PERSONAL PROTECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1*</td>
<td>0</td>
<td>0</td>
<td>G</td>
</tr>
</tbody>
</table>

HMIS & NFPA Hazard Rating 

Legend

* = Chronic Health Hazard
0 = INSIGNIFICANT
1 = SLIGHT
2 = MODERATE
3 = HIGH

National Fire Protection Association (NFPA)

Flammability

Health

Instability

Reviewer Revision

Date Prepared: 8/5/2016
SECTION 1- MANUFACTURER'S IDENTIFICATION

Product Name: AQUANAUT II GLOSS ACRYLIC EN. M.T.B.  
Product Code: A-1242M

Manufacturer's Name: Induron Protective Coatings, LLC 
Address: 3333 Richard Arrington Blvd. N. 
Birmingham, Alabama 35234

Emergency Phone: 1-800-424-9300 
Information Phone: (205)324-9584

Section 2 - Composition / Information on Ingredients

**GHS Ratings:**
- Flammable liquid 4: Flash point >= 60°C (140°F) and <= 93°C (200°F)
- Oral Toxicity Acute Tox. 3: Oral>50+<=300mg/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
- 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 CO2, 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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS number</th>
<th>Weight Concentration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium Dioxide Colorant</td>
<td>13463-67-7</td>
<td>10.00% - 20.00%</td>
</tr>
<tr>
<td>GLYCOL ETHER DM</td>
<td>111-77-3</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>Texanol</td>
<td>25265-77-4</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>DIPROPYLENE GLYCOL n-BUTYL ETHER</td>
<td>29911-28-2</td>
<td>1.00% - 5.00%</td>
</tr>
</tbody>
</table>

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: 87 C (189 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 alkyd 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 absorbent 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

<table>
<thead>
<tr>
<th>Chemical Name / CAS No.</th>
<th>OSHA Exposure Limits</th>
<th>ACGIH Exposure Limits</th>
<th>Other Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium Dioxide Colorant 13463-67-7</td>
<td>15 mg/m3 TWA (total dust)</td>
<td>10 mg/m3 TWA</td>
<td>Not Established</td>
</tr>
<tr>
<td>GLYCOL ETHER DM 111-77-3</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>Texanol 25265-77-4</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>DIPROPYLENE GLYCOL n-BUTYL ETHER 29911-28-2</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
</tbody>
</table>

**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:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>0.40 mmHg</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>5.0</td>
</tr>
<tr>
<td>DENSITY</td>
<td>9.87</td>
</tr>
<tr>
<td>Odor</td>
<td>N/A</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>N/A</td>
</tr>
<tr>
<td>pH</td>
<td>N/A</td>
</tr>
<tr>
<td>Melting point</td>
<td>N/A</td>
</tr>
</tbody>
</table>
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: 63mg/kg
Inhalation Toxicity LC50: 2,306mg/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).

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Description</th>
<th>% Weight</th>
<th>Carcinogen Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>13463-67-7</td>
<td>Titanium Dioxide Colorant</td>
<td>10 to 20%</td>
<td>titanium dioxide colorant: NIOSH: potential occupational carcinogen IARC: posible human carcinogen OSHA: listed</td>
</tr>
</tbody>
</table>

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

SDS for: A-1242M

Printed: 8/5/2016 at 12:25:33PM
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**

Not regulated by CFR 49.172.1

<table>
<thead>
<tr>
<th>Agency</th>
<th>Proper Shipping Name</th>
<th>UN Number</th>
<th>Packing Group</th>
<th>Hazard Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT</td>
<td>PAINT</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>IATA</td>
<td>PAINT</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

**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  10 to 20 %

MASSACHUSETTS RIGHT TO KNOW

- 111-77-3  GLYCOL ETHER DM  1 to 5 %
- 13463-67-7  Titanium Dioxide Colorant  10 to 20 %

NEW JERSEY RIGHT TO KNOW

- 13463-67-7  Titanium Dioxide Colorant  10 to 20 %

PENNSYLVANIA RIGHT TO KNOW

- 111-77-3  GLYCOL ETHER DM  1 to 5 %
- 13463-67-7  Titanium Dioxide Colorant  10 to 20 %

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

**EU Risk Phrases**

**Safety Phrase**
16: OTHER INFORMATION

Hazardous Material Information System (HMIS)

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>PHYSICAL HAZARD</th>
<th>PERSONAL PROTECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>* 1</td>
<td>1</td>
<td>0</td>
<td>G</td>
</tr>
</tbody>
</table>

HMIS & NFPA Hazard Rating

Legend

* = Chronic Health Hazard
0 = INSIGNIFICANT
1 = SLIGHT
2 = MODERATE
3 = HIGH

National Fire Protection Association (NFPA)

Flammability

Health

Instability

Special

Reviewer Revision

Date Prepared: 8/5/2016
SAFETY DATA SHEET

SECTION 1- MANUFACTURER'S IDENTIFICATION

Product Name: AQUANAUT II GLOSS ACRYLIC EN.D.T.B.    Product Code: A-1243D
Manufacturer's Name: Induron Protective Coatings, LLC
Address: 3333 Richard Arrington Blvd. N.
         Birmingham, Alabama 35234
Emergency Phone: 1-800-424-9300
Information Phone: (205)324-9584

Section 2 - Composition / Information on Ingredients

GHS Ratings:

<table>
<thead>
<tr>
<th>GHS Rating</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable liquid</td>
<td>4</td>
<td>Flash point &gt;= 60°C (140°F) and &lt;= 93°C (200°F)</td>
</tr>
<tr>
<td>Oral Toxicity</td>
<td>Acute Tox. 3</td>
<td>Oral&gt;50+&lt;=300mg/kg</td>
</tr>
<tr>
<td>Carcinogen</td>
<td>2</td>
<td>Limited evidence of human or animal carcinogenicity</td>
</tr>
<tr>
<td>Reproductive toxin</td>
<td>1B</td>
<td>Presumed, Based on experimental animals</td>
</tr>
</tbody>
</table>

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 CO2, 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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS number</th>
<th>Weight Concentration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium Dioxide Colorant</td>
<td>13463-67-7</td>
<td>10.00% - 20.00%</td>
</tr>
<tr>
<td>GLYCOL ETHER DM</td>
<td>111-77-3</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>Texanol</td>
<td>25265-77-4</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>DIPROPYLENE GLYCOL n-BUTYL ETHER</td>
<td>29911-28-2</td>
<td>1.00% - 5.00%</td>
</tr>
</tbody>
</table>

### 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: 92 C (198 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 absorbent materials with water to prevent spontaneous combustion with alkyd 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 absorbent 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**

<table>
<thead>
<tr>
<th>Chemical Name / CAS No.</th>
<th>OSHA Exposure Limits</th>
<th>ACGIH Exposure Limits</th>
<th>Other Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium Dioxide Colorant 13463-67-7</td>
<td>15 mg/m3 TWA (total dust)</td>
<td>10 mg/m3 TWA</td>
<td>Not Established</td>
</tr>
<tr>
<td>GLYCOL ETHER DM 111-77-3</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>Texanol 25265-77-4</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>DIPROPYLENE GLYCOL n-BUTYL ETHER 29911-28-2</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
</tbody>
</table>

**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:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>0.39 mmHg</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>4.9</td>
</tr>
<tr>
<td>DENSITY</td>
<td>9.52</td>
</tr>
<tr>
<td>Odor</td>
<td>N/A</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>N/A</td>
</tr>
<tr>
<td>pH</td>
<td>N/A</td>
</tr>
<tr>
<td>Melting point</td>
<td>N/A</td>
</tr>
</tbody>
</table>
**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: 58mg/kg

Inhalation Toxicity LC50: 2,220mg/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).

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Description</th>
<th>% Weight</th>
<th>Carcinogen Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>13463-67-7</td>
<td>Titanium Dioxide Colorant</td>
<td>10 to 20%</td>
<td>NIOSH: potential occupational carcinogen</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>IARC: Possible human carcinogen</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OSHA: listed</td>
</tr>
</tbody>
</table>

**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**

SDS for: A-1243D
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

#### Not regulated by CFR 49.172.1

<table>
<thead>
<tr>
<th>Agency</th>
<th>Proper Shipping Name</th>
<th>UN Number</th>
<th>Packing Group</th>
<th>Hazard Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT</td>
<td>PAINT</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>IATA</td>
<td>PAINT</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

### 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 10 to 20%

**MASSACHUSETTS RIGHT TO KNOW**

- **111-77-3** GLYCOL ETHER DM 1 to 5%
- **13463-67-7** Titanium Dioxide Colorant 10 to 20%

**NEW JERSEY RIGHT TO KNOW**

- **13463-67-7** Titanium Dioxide Colorant 10 to 20%

**PENNSYLVANIA RIGHT TO KNOW**

- **111-77-3** GLYCOL ETHER DM 1 to 5%
- **13463-67-7** Titanium Dioxide Colorant 10 to 20%

**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
Hazardous Material Information System (HMIS)

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>PHYSICAL HAZARD</th>
<th>PERSONAL PROTECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1*</td>
<td>0</td>
<td>0</td>
<td>G</td>
</tr>
</tbody>
</table>

HMIS & NFPA Hazard Rating

Legend

* = Chronic Health Hazard
0 = INSIGNIFICANT
1 = SLIGHT
2 = MODERATE
3 = HIGH

National Fire Protection Association (NFPA)

Flammability

Health

Instability

Special

Date Prepared: 8/5/2016

Reviewer Revision
SECTION 1- MANUFACTURER'S IDENTIFICATION

Product Name: AQUANAUT II GLOSS ACRYLIC EN. C.T.B.    Product Code: A-1245C
Manufacturer's Name: Induron Protective Coatings, LLC
Address: 3333 Richard Arrington Blvd. N.
Birmingham, Alabama 35234
Emergency Phone: 1-800-424-9300
Information Phone: (205)324-9584

Section 2 - Composition / Information on Ingredients

GHS Ratings:

<table>
<thead>
<tr>
<th>Rating</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable liquid 4</td>
<td>Flash point &gt;= 60°C (140°F) and &lt;= 93°C (200°F)</td>
</tr>
<tr>
<td>Oral Toxicity Acute Tox. 2</td>
<td>Oral&gt;5&lt;=50mg/kg</td>
</tr>
<tr>
<td>Reproductive toxin 1B</td>
<td>Presumed, Based on experimental animals</td>
</tr>
</tbody>
</table>

GHS Hazards

- H227 Combustible liquid
- H300 Fatal if swallowed
- 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 CO2, 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
### 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:** 87 C (189 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 absorbent materials with water to prevent spontaneous combustion with alkyd 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 absorbent 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

<table>
<thead>
<tr>
<th>Chemical Name / CAS No.</th>
<th>OSHA Exposure Limits</th>
<th>ACGIH Exposure Limits</th>
<th>Other Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kaolin 1332-58-7</td>
<td>15 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable fraction)</td>
<td>2 mg/m³ TWA (particulate matter containing no asbestos and &lt;1% crystalline silica, respirable fraction)</td>
<td>NIOSH: 10 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable dust)</td>
</tr>
<tr>
<td>Texanol 25265-77-4</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>GLYCOL ETHER DM 111-77-3</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>DIPROPYLENE GLYCOL n-BUTYL ETHER 29911-28-2</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance:</td>
<td>N/A</td>
</tr>
<tr>
<td>Odor:</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Pressure:</td>
<td>0.37 mmHg</td>
</tr>
<tr>
<td>Odor threshold:</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Density:</td>
<td>5.0</td>
</tr>
<tr>
<td>pH:</td>
<td>N/A</td>
</tr>
</tbody>
</table>
### 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:** 46mg/kg
- **Inhalation Toxicity LC50:** 1,782mg/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).

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Description</th>
<th>% Weight</th>
<th>Carcinogen Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Texanol</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>96 Hr LC50 Pimephales promelas: 30 mg/L</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>72 Hr EC50 Pseudokirchneriella subcapitata: 18.4 mg/L</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>GLYCOL ETHER DM</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>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</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>48 Hr EC50 Daphnia magna: &gt;500 mg/L</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>72 Hr EC50 Desmodesmus subspicatus: &gt;500 mg/L</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>DIPROPYLENE GLYCOL n-BUTYL ETHER</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>96 Hr LC50 Poecilia reticulata: 841 mg/L [static]</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Section 12 - Ecological Information

Ecological information:

**Component Ecotoxicity**

- **Texanol**
- **GLYCOL ETHER DM**
- **DIPROPYLENE GLYCOL n-BUTYL ETHER**

### 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

**Not regulated by CFR 49.172.1**

<table>
<thead>
<tr>
<th>Agency</th>
<th>Proper Shipping Name</th>
<th>UN Number</th>
<th>Packing Group</th>
<th>Hazard Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT</td>
<td>PAINT</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>IATA</td>
<td>PAINT</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

### 15: Regulatory Information

**MASSACHUSETTS RIGHT TO KNOW**

- 111-77-3 GLYCOL ETHER DM 1 to 5%
- 1332-58-7 Kaolin 5 to 10%

**NEW JERSEY RIGHT TO KNOW**

- 1332-58-7 Kaolin 5 to 10%

**PENNSYLVANIA RIGHT TO KNOW**

- 111-77-3 GLYCOL ETHER DM 1 to 5%
- 1332-58-7 Kaolin 5 to 10%

**CHEMICAL LIST FOR SARA 311**

- 111-77-3 GLYCOL ETHER DM

**CHEMICAL LIST FOR SARA 313**

- 111-77-3 GLYCOL ETHER DM

<table>
<thead>
<tr>
<th>Country</th>
<th>Regulation</th>
<th>All Components Listed</th>
</tr>
</thead>
<tbody>
<tr>
<td>EU Risk Phrases</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Safety Phrase**

- None

### 16: OTHER INFORMATION
Hazardous Material Information System (HMIS)

<table>
<thead>
<tr>
<th>Category</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEALTH</td>
<td>1*</td>
</tr>
<tr>
<td>FLAMMABILITY</td>
<td>1</td>
</tr>
<tr>
<td>PHYSICAL HAZARD</td>
<td>0</td>
</tr>
<tr>
<td>PERSONAL PROTECTION</td>
<td>G</td>
</tr>
</tbody>
</table>

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

National Fire Protection Association (NFPA)

Flammability: 1
Health: 1
Instability: 0
Special:

Date Prepared: 8/5/2016