Section 1: Manufacturer's Identification

Product Name: AQUACLEAN RC TAN  Product Code: H4-1116
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>Category</th>
<th>Rating</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable liquid</td>
<td>3</td>
<td>Flash point &gt;= 23°C and &lt;= 60°C (140°F)</td>
</tr>
<tr>
<td>Oral Toxicity</td>
<td>Acute Tox. 3</td>
<td>Oral&gt;50+&lt;=300mg/kg</td>
</tr>
<tr>
<td>Dermal Toxicity</td>
<td>Acute Tox. 3</td>
<td>Dermal&gt;200+&lt;=1000mg/kg</td>
</tr>
<tr>
<td>Skin corrosive</td>
<td>2</td>
<td>Reversible adverse effects in dermal tissue, Draize score: &gt;= 2.3 &lt; 4.0 or persistent inflammation</td>
</tr>
<tr>
<td>Eye corrosive</td>
<td>2A</td>
<td>Eye irritant: Subcategory 2A, Reversible in 21 days</td>
</tr>
<tr>
<td>Skin sensitizer</td>
<td>1</td>
<td>Skin sensitizer</td>
</tr>
<tr>
<td>Carcinogen</td>
<td>1A</td>
<td>Known Human Carcinogen Based on human evidence</td>
</tr>
<tr>
<td>Reproductive toxin</td>
<td>1B</td>
<td>Presumed, Based on experimental animals</td>
</tr>
</tbody>
</table>

GHS Hazards

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H226</td>
<td>Flammable liquid and vapour.</td>
</tr>
<tr>
<td>H301</td>
<td>Toxic if swallowed</td>
</tr>
<tr>
<td>H311</td>
<td>Toxic in contact with skin</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation</td>
</tr>
<tr>
<td>H350</td>
<td>May cause cancer</td>
</tr>
<tr>
<td>H360</td>
<td>May damage fertility or the unborn child</td>
</tr>
</tbody>
</table>

GHS Precautions

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>P201</td>
<td>Obtain special instructions before use</td>
</tr>
<tr>
<td>P202</td>
<td>Do not handle until all safety precautions have been read and understood</td>
</tr>
<tr>
<td>P210</td>
<td>Keep away from heat/sparks/open flames/hot surfaces - No smoking.</td>
</tr>
<tr>
<td>P233</td>
<td>Keep container tightly closed</td>
</tr>
<tr>
<td>P240</td>
<td>Ground/bond container and receiving equipment</td>
</tr>
<tr>
<td>P241</td>
<td>Use explosion-proof electrical equipment.</td>
</tr>
<tr>
<td>P242</td>
<td>Use only non-sparking tools.</td>
</tr>
<tr>
<td>P243</td>
<td>Take precautionary measures against static discharge.</td>
</tr>
<tr>
<td>P261</td>
<td>Avoid breathing dust/fume/gas/mist/vapours/spray.</td>
</tr>
<tr>
<td>P264</td>
<td>Wash equipment and contaminated skin thoroughly after handling.</td>
</tr>
<tr>
<td>P270</td>
<td>Do not eat, drink or smoke when using this product</td>
</tr>
<tr>
<td>P272</td>
<td>Contaminated work clothing should not be allowed out of the workplace.</td>
</tr>
<tr>
<td>P280</td>
<td>Wear protective gloves/protective clothing/eye protection/face protection.</td>
</tr>
<tr>
<td>P281</td>
<td>Use personal protective equipment as required</td>
</tr>
<tr>
<td>P312</td>
<td>Call a POISON CENTER or doctor/physician if you feel unwell</td>
</tr>
<tr>
<td>P321</td>
<td>Wash contaminated skin, follow Physician's instructions for treatment.</td>
</tr>
<tr>
<td>P322</td>
<td>Specific measures Remove contaminated clothing and protective equipment.</td>
</tr>
<tr>
<td>P330</td>
<td>Rinse mouth</td>
</tr>
<tr>
<td>P361</td>
<td>Remove/Take off immediately all contaminated clothing</td>
</tr>
<tr>
<td>P362</td>
<td>Take off contaminated clothing and wash before reuse</td>
</tr>
<tr>
<td>P363</td>
<td>Wash contaminated clothing before reuse</td>
</tr>
</tbody>
</table>
Signal Word: Danger

This product can be a skin and eye sensitizer. The material should be washed from skin or flushed from eyes immediately. Contaminated clothing should be removed. Wear proper protective equipment. Any other acute toxicological information can be found in section 11. Approximately 2% of the population can develop skin sensitivity with increasing inflammation and allergic reactions with repeated exposure.

### Section 3: Hazards Identification

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS number</th>
<th>Weight Concentration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Talc (hydrous magnesium silicate)</td>
<td>14807-96-6</td>
<td>20.00% - 30.00%</td>
</tr>
<tr>
<td>Mixed Xylenes</td>
<td>1330-20-7</td>
<td>10.00% - 20.00%</td>
</tr>
<tr>
<td>Titanium Dioxide Colorant</td>
<td>13463-67-7</td>
<td>10.00% - 20.00%</td>
</tr>
<tr>
<td>Diglycidyl Ether of Bisphenol A</td>
<td>25068-38-6</td>
<td>5.00% - 10.00%</td>
</tr>
<tr>
<td>2-ETHYL BENZENE</td>
<td>100-41-4</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>Microcrystaline silica 98.5-99.0%</td>
<td>14808-60-7</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>4-METHYL-2-PENTANONE</td>
<td>108-10-1</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>ISOBUTANOL</td>
<td>78-83-1</td>
<td>1.00% - 5.00%</td>
</tr>
</tbody>
</table>

(1) Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity >= 3, Iritis > 1.5

### Section 4: First Aid Measures

Move the exposed person to fresh air. If vapors are still present the rescuer should wear the appropriate mask. If breathing is irregular or arrest occurs use artificial respiration by trained personnel. Loosen tight fitting clothing. Get medical aid immediately.

Immediately flush eyes with plenty of water for at least 15 minutes. Regularly lift upper and lower eyelids during flushing. Remove contact lenses. Get medical aid.

Flush contaminated skin with water. Remove contaminated clothes, avoiding skin contact while doing so. Get medical attention. Clean contaminated shoes.

Wash mouth out thoroughly. Do not induce vomiting unless directed by medical personnel. Get medical attention. No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been inhaled or ingested.

### Section 5: Fire Fighting Measures

Flash Point: 27 C (81 F)
For flammable liquid: Can burst from pressure if in sealed container and heated, with risk of subsequent explosion. Vapors are heavier than air, can spread on ground and collect in low lying areas. Runoff to a collection area can create a fire or explosion hazard.

Dry Chemical, CO2, water spray(fog), or foam. Do not use water jet.

Isolate scene removing persons not trained if there is a fire. Move containers from fire area if there is no risk. Use water spray to keep fire exposed container cool.

Decomposition products may include Carbon Oxides.

Fire fighters should wear appropriate protective equipment and well-containing breathing apparatus.

Use dry chemical, CO2, water spray(fog) or foam. Do not use water jet.

**Section 6: Accidental Release Measures**

No action should be taken with untrained personnel. Evacuate surrounding areas. Do not touch or walk through spill. Shut off all ignition sources. Provide adequate ventilation. Use appropriate protective equipment and well-containing breathing apparatus.

Stop leak if without risk. Move containers from area. Approach from upwind. Prevent runoff to water source, basements, sewers, or confined areas. Co

**Section 7: Handling and Storage**

Use appropriate personal protective equipment. No eating, drinking, or smoking in areas of use. Persons with a history of skin sensitization should not be in contact with the material. Store in designated flammable liquid storage areas. Protect from direct sunlight in dry, cool, ventilated areas. Keep food and drink away from area. Eliminate all ignition sources. Opened containers must be carefully resealed and kept upright.

Do not use unlabeled containers. Use appropriate containment.

**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>Talc (hydrous magnesium silicate) 14807-96-6</td>
<td>Not Established</td>
<td>2 mg/m3 TWA (particulate matter containing no asbestos and &lt;1% crystalline silica, respirable fraction)</td>
<td>NIOSH: 2 mg/m3 TWA (containing no Asbestos and &lt;1% Quartz, respirable dust)</td>
</tr>
<tr>
<td>Mixed Xylenes 1330-20-7</td>
<td>100 ppm TWA; 435 mg/m3 TWA</td>
<td>150 ppm STEL 100 ppm TWA</td>
<td>Not Established</td>
</tr>
<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>Diglycidyl Ether of Bisphenol A 25068-38-6</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>2-ETHYL BENZENE 100-41-4</td>
<td>100 ppm TWA; 435 mg/m3 TWA</td>
<td>20 ppm TWA</td>
<td>NIOSH: 100 ppm TWA; 435 mg/m3 TWA 125 ppm STEL; 545 mg/m3 STEL</td>
</tr>
<tr>
<td>Microcrystalline silica 98.5-99.0% 14808-60-7</td>
<td>.05 mg/m3 TWA</td>
<td>0.025 mg/m3 TWA (respirable fraction)</td>
<td>NIOSH: 0.05 mg/m3 TWA (respirable dust)</td>
</tr>
<tr>
<td>4-METHYL-2-PENTANONE 108-10-1</td>
<td>100 ppm TWA; 410 mg/m3 TWA</td>
<td>75 ppm STEL 20 ppm TWA</td>
<td>NIOSH: 50 ppm TWA; 205 mg/m3 TWA 75 ppm STEL; 300 mg/m3 STEL</td>
</tr>
<tr>
<td>ISOBUTANOL 78-83-1</td>
<td>100 ppm TWA; 300 mg/m3 TWA</td>
<td>50 ppm TWA</td>
<td>NIOSH: 50 ppm TWA; 150 mg/m3 TWA</td>
</tr>
</tbody>
</table>

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to meet exposure to airborne contaminant. Ensure adequate ventilation by standard emission testing procedures, use appropriate respiratory equipment when needed. Assure safety training of operators in regarding handling liquids and vapors. Follow local regulatory rules of exposure control using air purifying or air supplied masks. Use appropriate protective equipment according to OSHA and NAFTA standards and labeling. Ensure eye wash stations and safety showers are available. Wash contaminated gear and clothing before reuse.

**Section 9: Physical and Chemical Properties**

<table>
<thead>
<tr>
<th>Flammability</th>
<th>Explosive Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

SDS for: H4-1116

Page 3 of 7

Printed: 2/2/2017 at 1:15:29PM
Partition coefficient (n-octanol/water): N/A
Decomposition temperature: N/A
Coating VOC Lb/Gal: 2.92
Odor: N/A
Odor threshold: N/A
pH: N/A
Melting point: N/A
Solubility: N/A
Flash point: 81 F, 27 C

Autoignition temperature: N/A
Viscosity: N/A
Appearance: N/A
Vapor Pressure: 3.3 mmHg
Vapor Density: 3.3
DENSITY: 12.41
Freezing point: N/A
Boiling range: 108°C
Evaporation rate: N/A

**Section 10: Stability and Reactivity**

These materials are stable. Under normal conditions of storage and use hazardous reactions or polymerization will not occur. Avoid all sources of ignitions, sparks or flames. Do not allow vapor to accumulate in low lying areas.

**STABLE**

Do not expose to strong oxidizing agents, strong acids, or aliphatic amines.

Under normal use, no hazardous decomposition products are produced.

Hazardous polymerization will not occur.

**Section 11: Toxicological Information**

**Mixture Toxicity**

- Oral Toxicity LD50: 75mg/kg
- Dermal Toxicity LD50: 805mg/kg
- Inhalation Toxicity LC50: 82mg/L

**Routes of Entry:**

Exposure to this material may affect the following organs:

- Eyes
- Kidneys
- Liver
- Lungs
- Central Nervous System
- Skin
- Cardiovascular 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>108-10-1</td>
<td>4-METHYL-2-PENTANONE</td>
<td>1 to 5%</td>
<td>4-METHYL-2-PENTANONE: IARC: Possible human carcinogen</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OSHA: listed</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Microcrystalline silica 98.5-99.0%</td>
<td>1 to 5%</td>
<td>Microcrystalline silica 98.5-99.0%: NIOSH: potential occupational carcinogen</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>IARC: Human carcinogen</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OSHA: listed</td>
</tr>
</tbody>
</table>
Titanium Dioxide Colorant: NIOSH: potential occupational carcinogen
IARC: Possible human carcinogen
OSHA: listed

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

2-ETHYL BENZENE

OSHA: listed

100-41-4 2-ETHYL BENZENE 1 to 5%

Section 12: Ecological Information
No known significant effects or critical hazards.

Component Ecotoxicity

Talc (hydrous magnesium silicate) 96 Hr LC50 Brachydanio rerio: >100 g/L [semi-static]

Mixed Xylenes
96 Hr LC50 Pimephales promelas: 13.4 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 2.661 - 4.093 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 13.5 - 17.3 mg/L; 96 Hr LC50 Lepomis macrochirus: 13.1 - 16.5 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 19 mg/L; 96 Hr LC50 Lepomis macrochirus: 7.711 - 9.591 mg/L [static]; 96 Hr LC50 Pimephales promelas: 23.53 - 29.97 mg/L [static]; 96 Hr LC50 Cyprinus carpio: 780 mg/L [semi-static]; 96 Hr LC50 Cyprinus carpio: >780 mg/L; 96 Hr LC50 Poecilia reticulata: 30.26 - 40.75 mg/L [static]
48 Hr EC50 water flea: 3.82 mg/L; 48 Hr LC50 Gammarus lacustris: 0.6 mg/L

2-ETHYL BENZENE
96 Hr LC50 Oncorhynchus mykiss: 11.0 - 18.0 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 4.2 mg/L [semi-static]; 96 Hr LC50 Pimephales promelas: 7.55 - 11 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 32 mg/L [static]; 96 Hr LC50 Pimephales promelas: 9.1 - 15.6 mg/L [static]; 96 Hr LC50 Poecilia reticulata: 9.6 mg/L [static]
48 Hr EC50 Daphnia magna: 1.8 - 2.4 mg/L
72 Hr EC50 Pseudokirchneriella subcapitata: 4.6 mg/L; 96 Hr EC50 Pseudokirchneriella subcapitata: >438 mg/L; 72 Hr EC50 Pseudokirchneriella subcapitata: 2.6 - 11.3 mg/L [static]; 96 Hr EC50 Pseudokirchneriella subcapitata: 1.7 - 7.6 mg/L [static]

4-METHYL-2-PENTANONE
96 Hr LC50 Pimephales promelas: 496 - 514 mg/L [flow-through]
48 Hr EC50 Daphnia magna: 170 mg/L
96 Hr EC50 Pseudokirchneriella subcapitata: 400 mg/L

ISOBUTANOL
96 Hr LC50 Pimephales promelas: 1370 - 1670 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: 375 mg/L [static] (fry); 96 Hr LC50 Lepomis macrochirus: 1480 - 1730 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 1120 - 1520 mg/L [flow-through]
48 Hr EC50 Daphnia magna: 1300 mg/L; 48 Hr EC50 Daphnia magna: 1070 - 1933 mg/L [Static]

Section 13: Disposal Considerations
Minimize the generation of waste whenever possible. Dispose by license waste disposal contractor. Comply with local, regional, and federal disposal regulations.

Section 14: Transport Information

<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>1263</td>
<td>III</td>
<td>3</td>
</tr>
<tr>
<td>IATA</td>
<td>PAINT</td>
<td>1263</td>
<td>III</td>
<td>3</td>
</tr>
</tbody>
</table>

Section 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:

108-10-1 4-METHYL-2-PENTANONE 1 to 5 %
14808-60-7 Microcrystalline silica 98.5-99.0% 1 to 5 %
100-41-4 2-ETHYL BENZENE 1 to 5 %
13463-67-7 Titanium Dioxide Colorant 10 to 20 %

HAZARDOUS AIR POLLUTANTS

108-10-1 4-METHYL-2-PENTANONE
100-41-4 2-ETHYL BENZENE
1330-20-7 Mixed Xylenes

HAZARDOUS SUBSTANCE/ CHEMICALS/ POLLUTANTS
- None

MASSACHUSETTS RIGHT TO KNOW

78-83-1 ISOBUTANOL 1 to 5 %
108-10-1 4-METHYL-2-PENTANONE 1 to 5 %
14808-60-7 Microcrystalline silica 98.5-99.0% 1 to 5 %
100-41-4 2-ETHYL BENZENE 1 to 5 %
13463-67-7 Titanium Dioxide Colorant 10 to 20 %
1330-20-7 Mixed Xylenes 10 to 20 %
14807-96-6 Talc (hydrous magnesium silicate) 20 to 30 %

PENNSYLVANIA RIGHT TO KNOW

78-83-1 ISOBUTANOL 1 to 5 %
108-10-1 4-METHYL-2-PENTANONE 1 to 5 %
14808-60-7 Microcrystalline silica 98.5-99.0% 1 to 5 %
100-41-4 2-ETHYL BENZENE 1 to 5 %
13463-67-7 Titanium Dioxide Colorant 10 to 20 %
1330-20-7 Mixed Xylenes 10 to 20 %
14807-96-6 Talc (hydrous magnesium silicate) 20 to 30 %

- None

CHEMICAL LIST FOR SARA 311

1330-20-7 Mixed Xylenes

CHEMICAL LIST FOR SARA 311/312

78-83-1 ISOBUTANOL
14808-60-7 Microcrystalline silica 98.5-99.0%
1330-20-7 Mixed Xylenes

CHEMICAL LIST FOR SARA 313

108-10-1 4-METHYL-2-PENTANONE
100-41-4 2-ETHYL BENZENE
1330-20-7 Mixed Xylenes

All Components Listed

<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>
<tr>
<td>Safety Phrase</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Section 16: Other Information

HMIS and NAFTA rating are on a 0 to 4 rating scale with 0 minimal hazard, and 4 represent significant danger or hazard.

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>PHYSICAL HAZARD</th>
<th>PERSONAL PROTECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

HMIS & NFPA Hazard Rating

Legend

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

The information provided herein was believed by Induron Protective Coating to be accurate and reliable, but the user is responsible to comply with all necessary requirements and regulations.

Reviewer Revision

Date Prepared: 2/2/2017
SAFETY DATA SHEET

Section 1: Manufacturer's Identification

Product Name: AQUACLEAN RC GRAY    Product Code: H4-1117
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>Hazard</th>
<th>Rating</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable liquid</td>
<td>3</td>
<td>Flash point &gt;= 23°C and &lt;= 60°C (140°F)</td>
</tr>
<tr>
<td>Oral Toxicity</td>
<td>Acute Tox. 3</td>
<td>Oral&gt;50+&lt;=300mg/kg</td>
</tr>
<tr>
<td>Dermal Toxicity</td>
<td>Acute Tox. 3</td>
<td>Dermal&gt;200+&lt;=1000mg/kg</td>
</tr>
<tr>
<td>Skin corrosive</td>
<td>2</td>
<td>Reversible adverse effects in dermal tissue, Draize score: &gt;= 2.3 &lt; 4.0 or persistent inflammation</td>
</tr>
<tr>
<td>Eye corrosive</td>
<td>2A</td>
<td>Eye irritant: Subcategory 2A, Reversible in 21 days</td>
</tr>
<tr>
<td>Skin sensitizer</td>
<td>1</td>
<td>Skin sensitizer</td>
</tr>
<tr>
<td>Carcinogen</td>
<td>1A</td>
<td>Known Human Carcinogen Based on human evidence</td>
</tr>
<tr>
<td>Reproductive toxin</td>
<td>1B</td>
<td>Presumed, Based on experimental animals</td>
</tr>
</tbody>
</table>

GHS Hazards

H226  Flammable liquid and vapour.
H301  Toxic if swallowed
H311  Toxic in contact with skin
H315  Causes skin irritation
H317  May cause an allergic skin reaction
H319  Causes serious eye irritation
H350  May cause cancer
H360  May damage fertility or the unborn child

GHS Precautions

P201  Obtain special instructions before use
P202  Do not handle until all safety precautions have been read and understood
P210  Keep away from heat/sparks/open flames/hot surfaces - No smoking.
P233  Keep container tightly closed.
P240  Ground/bond container and receiving equipment.
P241  Use explosion-proof electrical equipment.
P242  Use only non-sparking tools.
P243  Take precautionary measures against static discharge.
P261  Avoid breathing dust/fume/gas/mist/vapours/spray.
P264  Wash equipment and contaminated skin thoroughly after handling.
P270  Do not eat, drink or smoke when using this product
P272  Contaminated work clothing should not be allowed out of the workplace.
P280  Wear protective gloves/protective clothing/eye protection/face protection.
P281  Use personal protective equipment as required
P312  Call a POISON CENTER or doctor/physician if you feel unwell
P321  Wash contaminated skin, follow Physician's instructions for treatment.
P322  Specific measures Remove contaminated clothing and protective equipment.
P330  Rinse mouth
P361  Remove/Take off immediately all contaminated clothing
P362  Take off contaminated clothing and wash before reuse
P363  Wash contaminated clothing before reuse
**Section 3: Hazards Identification**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS number</th>
<th>Weight Concentration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Talc (hydrous magnesium silicate)</td>
<td>14807-96-6</td>
<td>20.00% - 30.00%</td>
</tr>
<tr>
<td>Mixed Xylenes</td>
<td>1330-20-7</td>
<td>10.00% - 20.00%</td>
</tr>
<tr>
<td>Titanium Dioxide Colorant</td>
<td>13463-67-7</td>
<td>10.00% - 20.00%</td>
</tr>
<tr>
<td>Diglycidyl Ether of Bisphenol A</td>
<td>25068-38-6</td>
<td>5.00% - 10.00%</td>
</tr>
<tr>
<td>2-ETHYL BENZENE</td>
<td>100-41-4</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>Microcrystaline silica 98.5-99.0%</td>
<td>14808-60-7</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>4-METHYL-2-PENTANONE</td>
<td>108-10-1</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>Mica</td>
<td>12001-26-2</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>ISOBUTANOL</td>
<td>78-83-1</td>
<td>1.00% - 5.00%</td>
</tr>
</tbody>
</table>

(1) Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity >= 3, Iritis > 1.5

**Section 4: First Aid Measures**

Move the exposed person to fresh air. If vapors are still present the rescuer should wear the appropriate mask. If breathing is irregular or arrest occurs use artificial respiration by trained personnel. Loosen tight fitting clothing, Get medical aid immediately.

Immediately flush eyes with plenty of water for at least 15 minutes. Regularly lift upper and lower eyelids during flushing. Remove contact lenses. Get medical aid.

Flush contaminated skin with water. Remove contaminated cloths avoiding skin contact while doing so. Get medical attention. Clean contaminated shoes thoroughly before reuse.

Wash mouth out thoroughly. Do not induce vomiting unless directed by medical personnel. Get medical attention

No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested.
Section 5: Fire Fighting Measures

Flash Point: 27 C (81 F)
LEL: 1.00  UEL: 11.00

For flammable liquid: Can burst from pressure if in sealed container and heated, with risk of subsequent explosion. Vapors are heavier than air, can spread on ground and collect in low lying areas. Runoff to a collection area can create a fire or explosion hazard. Dry Chemical.

CO2, water spray(fog), or foam. Do not use water jet.
Isolate scene removing persons not trained if there is a fire. Move containers from fire area if there is no risk. Use water spray to keep fire exposed containers cool. Decomposition products may include the following materials: Carbon Oxides.
Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus. Use dry chemical, CO2, water spray(fog) or foam. Do not use water jet.

Section 6: Accidental Release Measures

No action should be taken with untrained personnel. Evacuate surrounding areas. Do not touch or walk through spill. Shut off all ignition sources. Provide adequate ventilation. Use appropriate protective equipment. Do not breathe dust, mist, or vapor.
Stop leak if without risk. Move containers form spill area. Dilute with water and mop up if water-soluble.
or absorb with inert dry material and place in appropriate waste container. Dispose via licensed waste disposal.
Stop leak if without risk. Move containers from area.
A pproach from upwind. Prevent run off to water source, basements, sewers, or confined areas. Contain and collect spillage with non combustible absorbent materials, sand, vermiculite, diatomic earth and dispose by local regulation. Use sark-proof tools and explosion roof equipment.

Section 7: Handling and Storage

Use appropriate personal protective equipment. No eating, drinking, or smoking in areas of use. Persons with a history of skin sensitization should not be employed in any process in which this product is used. Avoid exposure during pregnancy. Do not ingest. Use adequate ventilation or respirator. Keep in appropriate container avoiding open flames, sparks or other ignition sources. Use explosion proof equipment and non sparking tools. Use proper grounding procedures. Store in designated flammable liquid storage areas. Protect from direct sunlight in dry, cool ventilated areas. Keep food and drink away from area. Eliminate all ignition sources. Opened containers must be carefully resealed and kept upright. Do not use unlabeled containers. Use appropriate containment.

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>Talc (hydrous magnesium silicate) 14807-96-6</td>
<td>Not Established</td>
<td>2 mg/m3 TWA (particulate matter containing no asbestos and &lt;1% crystalline silica, respirable fraction)</td>
<td>NIOSH: 2 mg/m3 TWA (containing no Asbestos and &lt;1% Quartz, respirable dust)</td>
</tr>
<tr>
<td>Substance</td>
<td>TWA Concentration</td>
<td>STEL Concentration</td>
<td>NIOSH Concentration</td>
</tr>
<tr>
<td>-----------------------------------</td>
<td>-----------------------</td>
<td>-----------------------</td>
<td>------------------------------------------</td>
</tr>
<tr>
<td><strong>Mixed Xylenes</strong></td>
<td>100 ppm TWA; 435 mg/m³</td>
<td>150 ppm STEL</td>
<td>Not Established</td>
</tr>
<tr>
<td>1330-20-7</td>
<td></td>
<td>100 ppm TWA</td>
<td></td>
</tr>
<tr>
<td><strong>Titanium Dioxide Colorant</strong></td>
<td>15 mg/m³ TWA (total dust)</td>
<td>10 mg/m³ TWA</td>
<td>Not Established</td>
</tr>
<tr>
<td>13463-67-7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Diglycidyl Ether of Bisphenol A</strong></td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>25068-38-6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>2-ETHYL BENZENE</strong></td>
<td>100 ppm TWA; 435 mg/m³</td>
<td>20 ppm TWA</td>
<td>NIOSH: 100 ppm TWA; 435 mg/m³ TWA</td>
</tr>
<tr>
<td>100-41-4</td>
<td></td>
<td></td>
<td>125 ppm STEL; 545 mg/m³ TWA</td>
</tr>
<tr>
<td><strong>Microcrystalline silica 98.5-99.0%</strong></td>
<td>0.05 mg/m³ TWA</td>
<td>0.025 mg/m³ TWA</td>
<td>NIOSH: 0.05 mg/m³ TWA (respirable fraction)</td>
</tr>
<tr>
<td>14808-60-7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>4-METHYL-2-PENTANONE</strong></td>
<td>100 ppm TWA; 410 mg/m³</td>
<td>75 ppm STEL</td>
<td>NIOSH: 50 ppm TWA; 205 mg/m³ TWA</td>
</tr>
<tr>
<td>108-10-1</td>
<td></td>
<td>20 ppm TWA</td>
<td>75 ppm STEL; 300 mg/m³ TWA</td>
</tr>
<tr>
<td><strong>Mica</strong></td>
<td>Not Established</td>
<td>3 mg/m³ TWA (respirable fraction)</td>
<td>NIOSH: 3 mg/m³ TWA (containing &lt;1% Quartz, respirable dust)</td>
</tr>
<tr>
<td>12001-26-2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ISOBUTANOL</strong></td>
<td>100 ppm TWA; 300 mg/m³</td>
<td>50 ppm TWA</td>
<td>NIOSH: 50 ppm TWA; 150 mg/m³ TWA</td>
</tr>
<tr>
<td>78-83-1</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to meet exposure to airborne contaminants above statutory limits. Use appropriate controls to keep exposure below statutory limits. Ensure adequate ventilation by standard emission testing procedures.

Use appropriate respiratory equipment when needed. Ensure safety training of operators in regards to handling liquids and vapors. Follow local regulatory rules of exposure control using air purifying or air supplied respiratory protection. Use appropriate protective equipment according to OSHA and NAFTA standards and labeling. Ensure eye wash stations and safety showers are available. Wash contaminated gear and clothing before reuse.

### Section 9: Physical and Chemical Properties

- **Flammability:** N/A
- **Partition coefficient (n-octanol/water):** N/A
- **Decomposition temperature:** N/A
- **Coating VOC Lb/Gal:** 2.91
- **Odor:** N/A
- **Odor threshold:** N/A
- **pH:** N/A
- **Melting point:** N/A
- **Solubility:** N/A
- **Flash point:** 81 F, 27 C
- **Explosive Limits:** N/A
- **Autoignition temperature:** N/A
- **Viscosity:** N/A
- **Appearance:** N/A
- **Vapor Pressure:** 3.4 mmHg
- **Vapor Density:** 3.3
- **DENSITY:** 12.52
- **Freezing point:** N/A
- **Boiling range:** 108°C
- **Evaporation rate:** N/A
Section 10: Stability and Reactivity

These materials are stable. Under normal conditions of storage and use hazardous reactions or polymerization will not occur. Avoid all source of ignitions, sparks or flames. Do not allow vapor to accumulate in low lying areas.

STABLE

Do not expose to strong oxidizing agents

strong acids, or alkapatic amines.

Under normal use

no hazardous decomposition products are produced.

Hazardous polymerization will not occur.

Section 11: Toxicological Information

Mixture Toxicity

Oral Toxicity LD50: 78mg/kg
Dermal Toxicity LD50: 830mg/kg
Inhalation Toxicity LC50: 83mg/L

Routes of Entry:

Exposure to this material may affect the following organs:

<table>
<thead>
<tr>
<th>Eyes</th>
<th>Kidneys</th>
<th>Liver</th>
<th>Lungs</th>
<th>Central Nervous System</th>
<th>Skin</th>
<th>Cardiovascular System</th>
<th>Respiratory System</th>
</tr>
</thead>
</table>

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>108-10-1</td>
<td>4-METHYL-2-PENTANONE</td>
<td>1 to 5%</td>
<td>4-METHYL-2-PENTANONE: IARC: Possible human carcinogen OSHA: listed</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Microcrystalline silica 98.5-99.0%</td>
<td>1 to 5%</td>
<td>Microcrystalline silica 98.5-99.0%: NIOSH: potential occupational carcinogen IARC: Human carcinogen OSHA: listed</td>
</tr>
<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: Possible human carcinogen OSHA: listed</td>
</tr>
<tr>
<td>100-41-4</td>
<td>2-ETHYL BENZENE</td>
<td>1 to 5%</td>
<td>2-ETHYL BENZENE: IARC: Possible human carcinogen OSHA: listed</td>
</tr>
</tbody>
</table>

Section 12: Ecological Information

No known significant effects or critical hazards.
Component Ecotoxicity

Talc (hydrous magnesium silicate) 96 Hr LC50 Brachydanio rerio: >100 g/L [semi-static]

Mixed Xylenes 96 Hr LC50 Pimephales promelas: 13.4 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 2.661 - 4.093 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 13.5 - 17.3 mg/L; 96 Hr LC50 Lepomis macrochirus: 13.1 - 16.5 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 19 mg/L; 96 Hr LC50 Lepomis macrochirus: 7.711 - 9.591 mg/L [static]; 96 Hr LC50 Pimephales promelas: 23.53 - 29.97 mg/L [static]; 96 Hr LC50 Cyprinus carpio: 780 mg/L [semi-static]; 96 Hr LC50 Cyprinus carpio: >780 mg/L; 96 Hr LC50 Poecilia reticulata: 30.26 - 40.75 mg/L [static]
48 Hr EC50 water flea: 3.82 mg/L; 48 Hr LC50 Gammarus lacustris: 0.6 mg/L

2-ETHYL BENZENE 96 Hr LC50 Oncorhynchus mykiss: 11.0 - 18.0 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 4.2 mg/L [semi-static]; 96 Hr LC50 Pimephales promelas: 7.55 - 11 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 32 mg/L [static]; 96 Hr LC50 Pimephales promelas: 9.1 - 15.6 mg/L [static]; 96 Hr LC50 Poecilia reticulata: 9.6 mg/L [static]
48 Hr EC50 Daphnia magna: 1.8 - 2.4 mg/L
72 Hr EC50 Pseudokirchneriella subcapitata: 4.6 mg/L; 96 Hr EC50 Pseudokirchneriella subcapitata: >438 mg/L; 72 Hr EC50 Pseudokirchneriella subcapitata: 2.6 - 11.3 mg/L [static]; 96 Hr EC50 Pseudokirchneriella subcapitata: 1.7 - 7.6 mg/L [static]

4-METHYL-2-PENTANONE 96 Hr LC50 Pimephales promelas: 496 - 514 mg/L [flow-through]
48 Hr EC50 Daphnia magna: 170 mg/L
96 Hr EC50 Pseudokirchneriella subcapitata: 400 mg/L

ISOBUTANOL 96 Hr LC50 Pimephales promelas: 1370 - 1670 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: 375 mg/L [static] (fry); 96 Hr LC50 Lepomis macrochirus: 1480 - 1730 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 1120 - 1520 mg/L [flow-through]
48 Hr EC50 Daphnia magna: 1300 mg/L; 48 Hr EC50 Daphnia magna: 1070 - 1933 mg/L [Static]

Section 13: Disposal Considerations

Minimize the generation of waste whenever possible. Dispose by license waste disposal contractor. Comply with local, regional, and federal disposal regulations and legislation.

Section 14: Transport Information

<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>1263</td>
<td>III</td>
<td>3</td>
</tr>
<tr>
<td>IATA</td>
<td>PAINT</td>
<td>1263</td>
<td>III</td>
<td>3</td>
</tr>
</tbody>
</table>

Section 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:

108-10-1 4-METHYL-2-PENTANONE  1 to 5 %
14808-60-7  Microcrystalline silica 98.5-99.0%  1 to 5 %
100-41-4 2-ETHYL BENZENE  1 to 5 %
13463-67-7  Titanium Dioxide Colorant  10 to 20 %
HAZARDOUS AIR POLLUTANTS
108-10-1 4-METHYL-2-PENTANONE
100-41-4 2-ETHYL BENZENE
1330-20-7 Mixed Xylenes

HAZARDOUS SUBSTANCE/CHEMICALS/POLLUTANTS
- None

MASSACHUSETTS RIGHT TO KNOW
78-83-1 ISOBUTANOL 1 to 5 %
12001-26-2 Mica 1 to 5 %
108-10-1 4-METHYL-2-PENTANONE 1 to 5 %
14808-60-7 Microcrystalline silica 98.5-99.0% 1 to 5 %
100-41-4 2-ETHYL BENZENE 1 to 5 %
13463-67-7 Titanium Dioxide Colorant 10 to 20 %
1330-20-7 Mixed Xylenes 10 to 20 %
14807-96-6 Talc (hydrous magnesium silicate) 20 to 30 %

PENNSYLVANIA RIGHT TO KNOW
78-83-1 ISOBUTANOL 1 to 5 %
12001-26-2 Mica 1 to 5 %
108-10-1 4-METHYL-2-PENTANONE 1 to 5 %
14808-60-7 Microcrystalline silica 98.5-99.0% 1 to 5 %
100-41-4 2-ETHYL BENZENE 1 to 5 %
13463-67-7 Titanium Dioxide Colorant 10 to 20 %
1330-20-7 Mixed Xylenes 10 to 20 %
14807-96-6 Talc (hydrous magnesium silicate) 20 to 30 %

- None

CHEMICAL LIST FOR SARA 311
1330-20-7 Mixed Xylenes

CHEMICAL LIST FOR SARA 311/312
78-83-1 ISOBUTANOL
14808-60-7 Microcrystalline silica 98.5-99.0%
1330-20-7 Mixed Xylenes

CHEMICAL LIST FOR SARA 313
108-10-1 4-METHYL-2-PENTANONE
100-41-4 2-ETHYL BENZENE
1330-20-7 Mixed Xylenes

Country  Regulation  All Components Listed

EU Risk Phrases

Safety Phrase
- None

Section 16: Other Information
HMIS and FTA rating are on a 0 to 4 rating scale with 0 minimal hazard, and 4 represent significant danger or hazard.

<table>
<thead>
<tr>
<th>Hazardous Material Information System (HMIS)</th>
<th>National Fire Protection Association (NFPA)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HEALTH</strong> 2*</td>
<td><strong>Flammability</strong> 3</td>
</tr>
<tr>
<td><strong>FLAMMABILITY</strong> 3</td>
<td><strong>Health</strong> 2</td>
</tr>
<tr>
<td><strong>PHYSICAL HAZARD</strong> 0</td>
<td><strong>Instability</strong> 3</td>
</tr>
<tr>
<td><strong>PERSONAL PROTECTION</strong> E</td>
<td><strong>Special</strong></td>
</tr>
</tbody>
</table>

The information provided herein was believed by Induron Protective Coating to be accurate and reliable, but the user is responsible to comply with all laws and procedures whether included or not. Induron makes no warranty expressed or implied concerning the accuracy of the information except the product will comply with Induron specifications.

Reviewer Revision

Date Prepared: 2/2/2017
Section 1: Manufacturer's Identification

Product Name: AQUACLEAN RC WHITE  Product Code: H4-1118
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>Property</th>
<th>Rating</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable liquid</td>
<td>3</td>
<td>Flash point &gt;= 23°C and &lt;= 60°C (140°F)</td>
</tr>
<tr>
<td>Oral Toxicity</td>
<td>Acute Tox. 3</td>
<td>Oral&gt;50+&lt;=300mg/kg</td>
</tr>
<tr>
<td>Dermal Toxicity</td>
<td>Acute Tox. 3</td>
<td>Dermal&gt;200+&lt;=1000mg/kg</td>
</tr>
<tr>
<td>Skin corrosive</td>
<td>2</td>
<td>Reversible adverse effects in dermal tissue, Draize score: &gt;= 2.3 &lt; 4.0 or persistent inflammation</td>
</tr>
<tr>
<td>Eye corrosive</td>
<td>2A</td>
<td>Eye irritant: Subcategory 2A, Reversible in 21 days</td>
</tr>
<tr>
<td>Skin sensitizer</td>
<td>1</td>
<td>Skin sensitizer</td>
</tr>
<tr>
<td>Carcinogen</td>
<td>1A</td>
<td>Known Human Carcinogen Based on human evidence</td>
</tr>
<tr>
<td>Reproductive toxin</td>
<td>1B</td>
<td>Presumed, Based on experimental animals</td>
</tr>
</tbody>
</table>

GHS Hazards

- H226 Flammable liquid and vapour.
- H301 Toxic if swallowed
- H311 Toxic in contact with skin
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H319 Causes serious eye irritation
- H350 May cause cancer
- H360 May damage fertility or the unborn child

GHS Precautions

- P201 Obtain special instructions before use
- P202 Do not handle until all safety precautions have been read and understood
- P210 Keep away from heat/sparks/open flames/hot surfaces - No smoking.
- P233 Keep container tightly closed.
- P240 Ground/bond container and receiving equipment.
- P241 Use explosion-proof electrical equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264 Wash equipment and contaminated skin thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P281 Use personal protective equipment as required
- P312 Call a POISON CENTER or doctor/physician if you feel unwell
- P321 Wash contaminated skin, follow Physician's instructions for treatment.
- P322 Specific measures Remove contaminated clothing and protective equipment.
- P330 Rinse mouth
- P361 Remove/Take off immediately all contaminated clothing
- P362 Take off contaminated clothing and wash before reuse
- P363 Wash contaminated clothing before reuse
Signal Word: Danger

This product can be a skin and eye sensitizer. The material should be washed from skin or flushed from eyes immediately. Contaminated clothing should be removed. Wear proper protective equipment. Any other acute toxicological information can be found in section 11. Approximately 2% of the population can develop skin sensitivity with increasing inflammation and allergic reactions with repeated exposure.

Section 3: Hazards Identification

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS number</th>
<th>Weight Concentration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Talc (hydrous magnesium silicate)</td>
<td>14807-96-6</td>
<td>20.00% - 30.00%</td>
</tr>
<tr>
<td>Titanium Dioxide Colorant</td>
<td>13463-67-7</td>
<td>10.00% - 20.00%</td>
</tr>
<tr>
<td>Mixed Xylenes</td>
<td>1330-20-7</td>
<td>10.00% - 20.00%</td>
</tr>
<tr>
<td>Diglycidyl Ether of Bisphenol A</td>
<td>25068-38-6</td>
<td>5.00% - 10.00%</td>
</tr>
<tr>
<td>Microcrystalline silica 98.5-99.0%</td>
<td>14808-60-7</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>2-ETHYL BENZENE</td>
<td>100-41-4</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>4-METHYL-2-PENTANONE</td>
<td>108-10-1</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>Mica</td>
<td>12001-26-2</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>ISOBUTANOL</td>
<td>78-83-1</td>
<td>1.00% - 5.00%</td>
</tr>
</tbody>
</table>

(1) Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity >= 3, Iritis > 1.5

Section 4: First Aid Measures

Move the exposed person to fresh air. If vapors are still present the rescuer should wear the appropriate mask. If breathing is irregular or arrest occurs use artificial respiration by trained personnel. Loosen tight fitting clothing. Get medical aid immediately.
Immediately flush eyes with plenty of water for at least 15 minutes. Regularly lift upper and lower eyelids during flushing. Remove contact lenses. Get medical aid.
Flush contaminated skin with water. Remove contaminated clothes, avoiding skin contact while doing so. Get medical attention. Clean contaminated shoes. Wash mouth out thoroughly. Do not induce vomiting unless directed by medical personnel. Get medical attention.
No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been inhaled or ingested.
Section 5: Fire Fighting Measures

Flash Point: 27 C (81 F)
LEL: 1.00 UEL: 11.00

For flammable liquid: Can burst from pressure if in sealed container and heated, with risk of subsequent explosion. Vapors are heavier than air, can spr Dry Chemical, CO2, water spray(fog), or foam. Do not use water jet.
Isolate scene removing persons not trained if there is a fire. Move containers from fire area if there is no risk. Use water spray to keep fire exposed cc
Decomposition products man include the following materials: Carbon Oxides.
Fire fighters should wear appropriate protective equipment and well-contain breathing apparatus.
Use dry chemical, CO2, water spray(fog) or foam. Do not use water jet.

Section 6: Accidental Release Measures

No action should be taken with untrained personnel. Evacuate surrounding areas. Do not touch or walk through spill. Shut off all ignition sources. Provi Stop leak if without risk. Move containers form spill area. Dilute with water and mop up if water-soluble, or absorb with inert dry material and place in a Stop leak if without risk. Move containers from area. Approach from upwing. Prevent run off to water source, basements, sewers, or confined areas. Co

Section 7: Handling and Storage

Use appropriate personal protective equipment. No eating, drinking, or smoking in areas of use. Persons with a history of skin sensitization should not b Store in designated flammable liquid storage areas. Protect from direct sunlight in dry, cool ventilated areas. Keep food and drink away from area. Elimina Do not use unlabeled containers. Use appropriate containment.

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>Talc (hydrous magnesium silicate) 14807-96-6</td>
<td>Not Established</td>
<td>2 mg/m3 TWA (particulate matter containing no asbestos and &lt;1% crystalline silica, respirable fraction)</td>
<td>NIOSH: 2 mg/m3 TWA (containing no Asbestos and &lt;1% Quartz, respirable dust)</td>
</tr>
<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>Mixed Xylenes 1330-20-7</td>
<td>100 ppm TWA; 435 mg/m3 TWA</td>
<td>150 ppm STEL 100 ppm TWA</td>
<td>Not Established</td>
</tr>
<tr>
<td>Diglycidyl Ether of Bisphenol A 25068-38-6</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>Microcrystalline silica 98.5-99.0% 14808-60-7</td>
<td>.05 mg/m3 TWA</td>
<td>0.025 mg/m3 TWA (respirable fraction)</td>
<td>NIOSH: 0.05 mg/m3 TWA (respirable dust)</td>
</tr>
<tr>
<td>2-ETHYL BENZENE 100-41-4</td>
<td>100 ppm TWA; 435 mg/m3 TWA</td>
<td>20 ppm TWA</td>
<td>NIOSH: 100 ppm TWA; 435 mg/m3 TWA 125 ppm STEL; 545 mg/m3 STEL</td>
</tr>
<tr>
<td>4-METHYL-2-PENTANONE 108-10-1</td>
<td>100 ppm TWA; 410 mg/m3 TWA</td>
<td>75 ppm STEL 20 ppm TWA</td>
<td>NIOSH: 50 ppm TWA; 205 mg/m3 TWA 75 ppm STEL; 300 mg/m3 STEL</td>
</tr>
<tr>
<td>Mica 12001-26-2</td>
<td>Not Established</td>
<td>3 mg/m3 TWA (respirable fraction)</td>
<td>NIOSH: 3 mg/m3 TWA (containing &lt;1% Quartz, respirable dust)</td>
</tr>
<tr>
<td>ISOBUTANOL 78-83-1</td>
<td>100 ppm TWA; 300 mg/m3 TWA</td>
<td>50 ppm TWA</td>
<td>NIOSH: 50 ppm TWA; 150 mg/m3 TWA</td>
</tr>
</tbody>
</table>

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to meet exposure to airborne cotamin Ensure adequate ventilation by standard emission testing procedures, Use appropriate respiratory equipment when needed.
Assure safety training of operators in regards to handling liquids and vapors. Follow local regulatory rules of exposure control using air purifying or air s Use appropriate protective equipment according to OSHA and NAFTA standards and labeling. Ensure eye wash stations and safety showers are availab
Wash contaminated gear and clothing before reuse.

Section 9: Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>N/A</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water)</td>
<td>N/A</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>N/A</td>
</tr>
<tr>
<td>Coating VOC Lb/Gal</td>
<td>2.74</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>
<tr>
<td>Solubility</td>
<td>N/A</td>
</tr>
<tr>
<td>Flash point</td>
<td>81°F, 27°C</td>
</tr>
<tr>
<td>Flammability</td>
<td>N/A</td>
</tr>
<tr>
<td>Explosive Limits</td>
<td>N/A</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>N/A</td>
</tr>
<tr>
<td>Viscosity</td>
<td>N/A</td>
</tr>
<tr>
<td>Appearance</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>3.2 mmHg</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>3.3</td>
</tr>
<tr>
<td>DENSITY</td>
<td>13.45</td>
</tr>
<tr>
<td>Freezing point</td>
<td>N/A</td>
</tr>
<tr>
<td>Boiling range</td>
<td>108°C</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Section 10: Stability and Reactivity

These materials are stable. Under normal conditions of storage and use hazardous reactions or polymerization will not occur. Avoid all sources of ignitions, sparks or flames. Do not allow vapor to accumulate in low lying areas.

STABLE

Do not expose to strong oxidizing agents, strong acids, or aliphatic amines.

Under normal use, no hazardous decomposition products are produced.

Hazardous polymerization will not occur.

Section 11: Toxicological Information

Mixture Toxicity

- Oral Toxicity LD50: 81mg/kg
- Dermal Toxicity LD50: 856mg/kg
- Inhalation Toxicity LC50: 93mg/L

Routes of Entry:

Exposure to this material may affect the following organs:

- Eyes
- Kidneys
- Liver
- Lungs
- Central Nervous System
- Skin
- Cardiovascular 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>108-10-1</td>
<td>4-METHYL-2-PENTANONE</td>
<td>1 to 5%</td>
<td>4-METHYL-2-PENTANONE: IARC: Possible human carcinogen OSHA: listed</td>
</tr>
</tbody>
</table>
### Section 12: Ecological Information

No known significant effects or critical hazards.

**Component Ecotoxicity**

<table>
<thead>
<tr>
<th>Component</th>
<th>LC50/EC50 Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Talc (hydrous magnesium silicate)</td>
<td>96 Hr LC50 Brachydanio rerio: &gt;100 g/L [semi-static]</td>
</tr>
<tr>
<td>Mixed Xylenes</td>
<td>96 Hr LC50 Pimephales promelas: 13.4 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 2.661 - 4.093 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 13.5 - 17.3 mg/L; 96 Hr LC50 Lepomis macrochirix: 13.1 - 16.5 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirix: 19 mg/L; 96 Hr LC50 Lepomis macrochirix: 7.711 - 9.591 mg/L [static]; 96 Hr LC50 Pimephales promelas: 23.53 - 29.97 mg/L [static]; 96 Hr LC50 Cyprinus carpio: 780 mg/L [semi-static]; 96 Hr LC50 Cyprinus carpio: &gt;780 mg/L; 96 Hr LC50 Poecilia reticulata: 30.26 - 40.75 mg/L [static]; 48 Hr EC50 water flea: 3.82 mg/L; 48 Hr LC50 Gammarus lacustris: 0.6 mg/L</td>
</tr>
<tr>
<td>2-ETHYL BENZENE</td>
<td>96 Hr LC50 Oncorhynchus mykiss: 11.0 - 18.0 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 4.2 mg/L [semi-static]; 96 Hr LC50 Pimephales promelas: 7.55 - 11 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirix: 32 mg/L [static]; 96 Hr LC50 Pimephales promelas: 9.1 - 15.6 mg/L [static]; 96 Hr LC50 Poecilia reticulata: 9.6 mg/L [static]; 48 Hr EC50 Daphnia magna: 1.8 - 2.4 mg/L; 72 Hr EC50 Pseudokirchneriella subcapitata: 4.6 mg/L; 96 Hr EC50 Pseudokirchneriella subcapitata: &gt;438 mg/L; 72 Hr EC50 Pseudokirchneriella subcapitata: 2.6 - 11.3 mg/L [static]; 96 Hr EC50 Pseudokirchneriella subcapitata: 1.7 - 7.6 mg/L [static]</td>
</tr>
<tr>
<td>4-METHYL-2-PENTANONE</td>
<td>96 Hr LC50 Pimephales promelas: 496 - 514 mg/L [flow-through]</td>
</tr>
<tr>
<td>ISOBUTANOL</td>
<td>96 Hr LC50 Pimephales promelas: 1370 - 1670 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: 375 mg/L [static] (fry); 96 Hr LC50 Lepomis macrochirix: 1480 - 1730 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 1120 - 1520 mg/L [flow-through]; 48 Hr EC50 Daphnia magna: 1300 mg/L; 48 Hr EC50 Daphnia magna: 1070 - 1933 mg/L [Static]</td>
</tr>
</tbody>
</table>

### Section 13: Disposal Considerations

Minimize the generation of waste whenever possible. Dispose by license waste disposal contractor. Comply with local, regional, and federal disposal regulations.

### Section 14: Transport Information
<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>1263</td>
<td>III</td>
<td>3</td>
</tr>
<tr>
<td>IATA</td>
<td>PAINT</td>
<td>1263</td>
<td>III</td>
<td>3</td>
</tr>
</tbody>
</table>

**Section 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:

- 108-10-1 4-METHYL-2-PENTANONE  1 to 5 %
- 100-41-4 2-ETHYL BENZENE  1 to 5 %
- 14808-60-7 Microcrystalline silica 98.5-99.0%  1 to 5 %
- 13463-67-7 Titanium Dioxide Colorant  10 to 20 %

HAZARDOUS AIR POLLUTANTS
- 108-10-1 4-METHYL-2-PENTANONE
- 100-41-4 2-ETHYL BENZENE
- 1330-20-7 Mixed Xylenes

HAZARDOUS SUBSTANCE/CHEMICALS/POLLUTANTS
- None

MASSACHUSETTS RIGHT TO KNOW
- 78-83-1 ISOBUTANOL  1 to 5 %
- 12001-26-2 Mica  1 to 5 %
- 108-10-1 4-METHYL-2-PENTANONE  1 to 5 %
- 100-41-4 2-ETHYL BENZENE  1 to 5 %
- 14808-60-7 Microcrystalline silica 98.5-99.0%  1 to 5 %
- 1330-20-7 Mixed Xylenes  10 to 20 %
- 13463-67-7 Titanium Dioxide Colorant  10 to 20 %
- 14807-96-6 Talc (hydruous magnesium silicate)  20 to 30 %

PENNSYLVANIA RIGHT TO KNOW
- 78-83-1 ISOBUTANOL  1 to 5 %
- 12001-26-2 Mica  1 to 5 %
- 108-10-1 4-METHYL-2-PENTANONE  1 to 5 %
- 100-41-4 2-ETHYL BENZENE  1 to 5 %
- 14808-60-7 Microcrystalline silica 98.5-99.0%  1 to 5 %
- 1330-20-7 Mixed Xylenes  10 to 20 %
- 13463-67-7 Titanium Dioxide Colorant  10 to 20 %
- 14807-96-6 Talc (hydruous magnesium silicate)  20 to 30 %

- None

CHEMICAL LIST FOR SARA 311
- 1330-20-7 Mixed Xylenes

CHEMICAL LIST FOR SARA 311/312
- 78-83-1 ISOBUTANOL
- 14808-60-7 Microcrystalline silica 98.5-99.0%
- 1330-20-7 Mixed Xylenes

CHEMICAL LIST FOR SARA 313
- 108-10-1 4-METHYL-2-PENTANONE
- 100-41-4 2-ETHYL BENZENE
- 1330-20-7 Mixed Xylenes
### FCC Regulation

<table>
<thead>
<tr>
<th>Country</th>
<th>Regulation</th>
<th>All Components Listed</th>
</tr>
</thead>
</table>

### EU Risk Phrases

**Safety Phrase**

- None

---

**Section 16: Other Information**

HMIS and NAFTA rating are on a 0 to 4 rating scale with 0 minimal hazard, and 4 represent significant danger or hazard.

#### 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>*</td>
<td>2</td>
<td>3</td>
<td>E</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)

<table>
<thead>
<tr>
<th>Health</th>
<th>Instability</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>

The information provided herein was believed by Induron Protective Coating to be accurate and reliable, but the user is responsible to comply with all

Date Prepared: 2/2/2017

Reviewer Revision
SAFETY DATA SHEET

Section 1: Manufacturer's Identification

Product Name: AQUACLEAN RC ACTIVATOR    Product Code: Q4-1112
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 3 Flash point >= 23°C and <= 60°C (140°F)
- Skin corrosive 1C Destruction of dermal tissue: Exposure < 4 hours
  Observation < 14 days, visible necrosis in at least one animal
- Eye corrosive 1 Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity >= 3, Iritis > 1.5
- Skin sensitizer 1 Skin sensitizer

GHS Hazards

- H226 Flammable liquid and vapour.
- H314 Causes severe skin burns and eye damage
- H317 May cause an allergic skin reaction
- H318 Causes serious eye damage

GHS Precautions

- P210 Keep away from heat/sparks/open flames/hot surfaces - No smoking.
- P233 Keep container tightly closed.
- P240 Ground/bond container and receiving equipment.
- P241 Use explosion-proof electrical equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P260 Do not breathe dust/fume/gas/mist/vapours/spray.
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264 Wash equipment and contaminated skin thoroughly after handling.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
- P302+P352 IF ON SKIN: Wash with soap and water
- P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
- P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- P305+P351+P338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
- P333+P313 If skin irritation or a rash occurs: 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.
Section 3: Hazards Identification

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS number</th>
<th>Weight Concentration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fatty Acids, C18-unsaturated, dimers with polyethylenepolyamines</td>
<td>68410-23-1</td>
<td>50.00% - 60.00%</td>
</tr>
<tr>
<td>2,4,6 TRIDIMETHYLAMINOMETHYLPHENOL</td>
<td>90-72-2</td>
<td>20.00% - 30.00%</td>
</tr>
<tr>
<td>ISOBUTANOL</td>
<td>78-83-1</td>
<td>10.00% - 20.00%</td>
</tr>
<tr>
<td>Triethylenetetaamine</td>
<td>112-24-3</td>
<td>1.00% - 5.00%</td>
</tr>
</tbody>
</table>

(1) Serious eye damage: Irreversible damage 21 days after exposure. Draize score: Corneal opacity >= 3, Iritis > 1.5

Section 4: First Aid Measures

Remove to fresh air, seek medical attention.
Immediately flush eyes with water for at least 15 min. Seek medical attention.
Immediately washes with soap and water. Remove contaminated clothing and launder before reuse. Destroy contaminated shoes. Seek medical attention.
Do not induce vomiting unless directed by medical personnel. Never give anything by mouth to unconscious personnel. Seek immediate medical attention.
Allergies, eczema, or skin conditions can be aggravated by this product.

Section 5: Fire Fighting Measure:

Flash Point: 30 C (86 F)
LEL: 1.00 UEL: 11.00

Carbon dioxide, foam, dry chemical, water spray.
Decomposition and combustion products may be toxic
Self contained breathing apparatus

Section 6: Accidental Release Measures

Absorb onto sand or other absorbent material. Shovel into closed container for disposal. Flush contaminated area with water.

Section 7: Handling and Storage

Causes sever eye irritation and may cause eye burns. Can cause skin irritation.
May be harmful if swallowed. Avoid vapor or mist. Avoid skin contact. Wash thoroughly after handling. Overexposure can have effects on nervous system.
Store in closed containers.

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>
</table>
Good general mechanical ventilation and local exhaust.

Assure personnel safety training.

Wear protective equipment to prevent exposure and personal contact.

Wear impervious gloves

Use NIOSH approved vapor respirator if required.

Wear splash proof goggles.

Wash cloths before reuse. Dispose of contaminated shoes.

**Section 9: Physical and Chemical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>N/A</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water)</td>
<td>N/A</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>N/A</td>
</tr>
<tr>
<td>Coating VOC Lb/Gal</td>
<td>1.40</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>
<tr>
<td>Solubility</td>
<td>N/A</td>
</tr>
<tr>
<td>Flash point</td>
<td>86 F, 30 C</td>
</tr>
<tr>
<td>Explosive Limits</td>
<td>N/A</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>N/A</td>
</tr>
<tr>
<td>Viscosity</td>
<td>N/A</td>
</tr>
<tr>
<td>Appearance</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>6.0 mmHg@20°C</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>3.0</td>
</tr>
<tr>
<td>DENSITY</td>
<td>7.80</td>
</tr>
<tr>
<td>Freezing point</td>
<td>N/A</td>
</tr>
<tr>
<td>Boiling range</td>
<td>108°C</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Section 10: Stability and Reactivity**

These materials are stable. Under normal conditions of storage and use hazardous reactions or polymerization will not occur.

Avoid all source of ignitions, sparks or flames. Do not allow vapor to accumulate in low lying areas.

STABLE

Do not expose to strong oxidizing agents or strong acids.

Under normal use, no hazardous decomposition products are produced.

Hazardous polymerization will not occur.

**Section 11: Toxicological Information**

**Mixture Toxicity**

Oral Toxicity LD50: 2,440mg/kg
Dermal Toxicity LD50: 2,364mg/kg
Inhalation Toxicity LC50: 81mg/L
Routes of Entry:

Exposure to this material may affect the following organs:

- Eyes
- Central Nervous System
- Skin
- Respiratory System

Effects of Overexposure

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Description</th>
<th>% Weight</th>
<th>Carcinogen Rating</th>
</tr>
</thead>
</table>

Section 12: Ecological Information

None available.

**Component Ecotoxicity**

**ISOBUTANOL**

- 96 Hr LC50 Pimephales promelas: 1370 - 1670 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: 375 mg/L [static] (fry); 96 Hr LC50 Lepomis macrochirus: 1480 - 1730 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 1120 - 1520 mg/L [flow-through]
- 48 Hr EC50 Daphnia magna: 1300 mg/L; 48 Hr EC50 Daphnia magna: 1070 - 1933 mg/L [Static]

**Triethylenetetraamine**

- 96 Hr LC50 Poecilia reticulata: 570 mg/L [semi-static]; 96 Hr LC50 Pimephales promelas: 495 mg/L
- 48 Hr EC50 Daphnia magna: 31.1 mg/L
- 72 Hr EC50 Desmodesmus subspicatus: 2.5 mg/L; 72 Hr EC50 Pseudokirchneriella subcapitata: 20 mg/L; 96 Hr EC50 Pseudokirchneriella subcapitata: 3.7 mg/L

Section 13: Disposal Considerations

Dispose in accordance with federal, state, and local regulations.

Section 14: Transport Information

<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>1263</td>
<td>III</td>
<td>3</td>
</tr>
<tr>
<td>IATA</td>
<td>PAINT</td>
<td>1263</td>
<td>III</td>
<td>3</td>
</tr>
</tbody>
</table>

Section 15: Regulatory Information

**MASSACHUSETTS RIGHT TO KNOW**

- 112-24-3 Triethylenetetraamine 1 to 5 %
- 78-83-1 ISOBUTANOL 10 to 20 %

**PENNSYLVANIA RIGHT TO KNOW**

- 112-24-3 Triethylenetetraamine 1 to 5 %
- 78-83-1 ISOBUTANOL 10 to 20 %

**CHEMICAL LIST FOR SARA 311/312**

- 78-83-1 ISOBUTANOL

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

Safety Phrase

- None

Section 16: Other Information

HMIS and NAFTA rating are on a 0 to 4 rating scale with 0 minimal hazard, and 4 represent significant danger or hazard.

Hazardous Material Information System (HMIS)  National Fire Protection Association (NFPA)

| HEALTH  | 2 |
| FLAMMABILITY | 3 |
| PHYSICAL HAZARD | 0 |
| PERSONAL PROTECTION | H |

HMIS & NFPA Hazard Rating

Legend

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

The information provided herein was believed by Induron Protective Coating to be accurate and reliable, but the user is responsible to comply with all

Date Prepared: 2/2/2017

Reviewer Revision