SAFETY DATA SHEET

SECTION 1- MANUFACTURER'S IDENTIFICATION

Product Name: ARMORLUX COLOR CHROME BLUE TANK FINISH    Product Code: J-1043
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**: 2  
  Reversible adverse effects in dermal tissue, Draize score:  
  => 2.3 < 4.0 or persistent inflammation
- **Mutagen**: 1B  
  Known to produce heritable mutations in human germ cells  
  Subcategory 1B, Positive results: In vivo heritable germ cell tests in mammals, Human germ cell tests, In vivo somatic mutagenicity tests, combined with some evidence of germ cell mutagenicity
- **Carcinogen**: 1A  
  Known Human Carcinogen Based on human evidence
- **Reproductive toxin**: 1A  
  Based on human evidence
- **Aspiration hazard**: 1  
  Aspiration Toxicity Category 1: Known (regarded)- human evidence - hydrocarbons with kinematic viscosity > 20.5 mm²/s at 40°C.

GHS Hazards

- **H226**: Flammable liquid and vapour.
- **H304**: May be fatal if swallowed and enters airways
- **H315**: Causes skin irritation
- **H340**: May cause genetic defects
- **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.
- **P264**: Wash equipment and contaminated skin thoroughly after handling.
- **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.
- **P331**: Do NOT induce vomiting
- **P362**: Take off contaminated clothing and wash before reuse
- **P301+P310**: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
- **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
- **P308+P313**: IF exposed or concerned; Get medical advice/attention

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P332+P313 If skin irritation 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.

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>STODDARD SOLVENT</td>
<td>8052-41-3</td>
<td>20.00% - 30.00%</td>
</tr>
<tr>
<td>ALUMINUM FLAKE COATED WITH INHIBITOR AND DISPERSED IN MINERAL SPIRITS</td>
<td>7429-90-5</td>
<td>10.00% - 20.00%</td>
</tr>
<tr>
<td>Naphtha, petroleum, hydrotreated heavy</td>
<td>64742-48-9</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>Petroleum distillates, hydrotreated light</td>
<td>64742-47-8</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>Naptha(Pet), light arom.</td>
<td>64742-95-6</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>ALIPHATIC PETROLEUM DISTILLATES</td>
<td>64742-88-7</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>Mixed Xylenes</td>
<td>1330-20-7</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>2-ETHYL BENZENE</td>
<td>100-41-4</td>
<td>0.10% - 1.00%</td>
</tr>
<tr>
<td>2-ETHYL BENZENE</td>
<td>91-20-3</td>
<td>0.10% - 1.00%</td>
</tr>
<tr>
<td>Naphtha, petroleum, hydrodesulfurized heavy</td>
<td>64742-82-1</td>
<td>0.10% - 1.00%</td>
</tr>
<tr>
<td>METHYL ETHYL KETONE OXIME</td>
<td>96-29-7</td>
<td>0.10% - 1.00%</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: 27 C (80 F)
LEL: 1.00 UEL:

**EXTINGUISHING MEDIA:** Use carbon dioxide (CO2), "alcohol" foam, dry chemical systems. Direct water application may cause violent frothing.

**UNUSUAL FIRE OR EXPLOSION HAZARDS:** The product may contain linseed oil and represents a spontaneous combustion hazard. To avoid spontaneous combustion soak soiled rags and waste in water immediately after use in a closed metal container.

**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.

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**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.

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**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.

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**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>STODDARD SOLVENT 8052-41-3</td>
<td>500 ppm TWA; 2900 mg/m³ TWA</td>
<td>100 ppm TWA</td>
<td>NIOSH: 350 mg/m³ TWA 1800 mg/m³ Ceiling (15 min)</td>
</tr>
<tr>
<td>ALUMINUM FLAKE COATED WITH INHIBITOR AND DISPERSED IN MINERAL SPIRITS 7429-90-5</td>
<td>15 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable fraction)</td>
<td>1 mg/m³ TWA (respirable fraction)</td>
<td>NIOSH: 10 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable dust)</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>Naphtha, petroleum, hydrotreated heavy 64742-48-9</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>Petroleum distillates, hydrotreated light 64742-47-8</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>Naphtha(Pet), light arom. 64742-95-6</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>ALIPHATIC PETROLEUM DISTILLATES 64742-88-7</td>
<td>Not Established</td>
<td>Not Established</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</td>
<td>100 ppm TWA</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>2-ETHYL BENZENE 91-20-3</td>
<td>10 ppm TWA; 50 mg/m³ TWA</td>
<td>10 ppm TWA</td>
<td>NIOSH: 10 ppm TWA; 50 mg/m³ TWA; 15 ppm STEL; 75 mg/m³ STEL</td>
</tr>
<tr>
<td>Naphtha, petroleum, hydrosulfurized heavy 64742-82-1</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>METHYL ETHYL KETONE OXIME 96-29-7</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:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viscosity:</td>
<td>N/A</td>
</tr>
<tr>
<td>Appearance:</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Pressure:</td>
<td>17.7 mmHg</td>
</tr>
<tr>
<td>Coating VOC Lb/Gal:</td>
<td>4.15</td>
</tr>
<tr>
<td>Odor:</td>
<td>N/A</td>
</tr>
<tr>
<td>Odor threshold:</td>
<td>N/A</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Vapor Density: 3.9</th>
<th>pH: N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.15</td>
<td>Melting point: N/A</td>
</tr>
<tr>
<td>Freezing point: N/A</td>
<td>Solubility: N/A</td>
</tr>
<tr>
<td>Boiling range: 138°C</td>
<td>Flash point: 80 F,27 C</td>
</tr>
<tr>
<td>Evaporation rate: N/A</td>
<td>Flammability: N/A</td>
</tr>
<tr>
<td>Explosive Limits: N/A</td>
<td>Partition coefficient (n-octanol/water):</td>
</tr>
<tr>
<td>Autoignition temperature: N/A</td>
<td>Decomposition temperature: N/A</td>
</tr>
</tbody>
</table>

**Section 10 - Stability and Reactivity**

Stability:

STABLE

Components of this mixture are incompatible with the following materials:

This mixture is likely to exhibit the following combustion products:

Hazardous polymerization will not occur.

**Section 11 - Toxicological Information**

**Mixture Toxicity**

Inhalation Toxicity LC50: 1,504mg/L

**Routes of Entry:**

**Ingestion**

Exposure to this material may affect the following organs:

<table>
<thead>
<tr>
<th>Blood</th>
<th>Eyes</th>
<th>Kidneys</th>
<th>Liver</th>
<th>Central Nervous System</th>
<th>Skin</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>64742-82-1</td>
<td>Naphtha, petroleum, hydrotreated heavy</td>
<td>0.1 to 1.0%</td>
<td>Naphtha, petroleum, hydrosulfurized heavy: EU REACH: Present (P)</td>
</tr>
<tr>
<td>8052-41-3</td>
<td>STODDARD SOLVENT</td>
<td>20 to 30%</td>
<td>STODDARD SOLVENT: EU REACH: Present (P)</td>
</tr>
<tr>
<td>64742-48-9</td>
<td>Naphtha, petroleum, hydrotreated heavy</td>
<td>1 to 5%</td>
<td>Naphtha, petroleum, hydrotreated heavy: EU REACH: Present (P)</td>
</tr>
<tr>
<td>64742-95-6</td>
<td>Naptha(Pet), light arom.</td>
<td>1 to 5%</td>
<td>Naptha(Pet), light arom.: EU REACH: Present (P)</td>
</tr>
<tr>
<td>100-41-4</td>
<td>2-ETHYL BENZENE</td>
<td>0.1 to 1.0%</td>
<td>2-ETHYL BENZENE: IARC: Possible human carcinogen OSHA: listed</td>
</tr>
</tbody>
</table>
Section 12 - Ecological Information

Ecological information: No data found.

Component Ecotoxicity

Naphtha, petroleum, hydrotreated heavy
96 Hr LC50 Pimephales promelas: 2200 mg/L

Petroleum distillates, hydrotreated light
96 Hr LC50 Pimephales promelas: 45 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 2.2 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 2.4 mg/L [static]

Naptha(Pet), light arom.
96 Hr LC50 Oncorhynchus mykiss: 9.22 mg/L
48 Hr EC50 Daphnia magna: 6.14 mg/L

ALIPHATIC PETROLEUM DISTILLATES
96 Hr LC50 Pimephales promelas: 800 mg/L [static]
48 Hr EC50 Daphnia magna: >100 mg/L
96 Hr EC50 Pseudokirchneriella subcapitata: 450 mg/L

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 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]

2-ETHYL BENZENE
96 Hr LC50 Pimephales promelas: 5.74 - 6.44 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 1.6 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 0.91 - 2.82 mg/L [static]; 96 Hr LC50 Pimephales promelas: 1.99 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 31.0265 mg/L [static]
48 Hr LC50 Daphnia magna: 2.16 mg/L; 48 Hr EC50 Daphnia magna: 1.96 mg/L [Flow through]; 48 Hr EC50 Daphnia magna: 1.09 - 3.4 mg/L [Static]

METHYL ETHYL KETONE OXIME
96 Hr LC50 Pimephales promelas: 777 - 914 mg/L [flow-through]; 96 Hr LC50 Poecilia reticulata: 760 mg/L [static]
48 Hr EC50 Daphnia magna: 750 mg/L
72 Hr EC50 Desmodesmus subsipicatus: 83 mg/L

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).

<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>

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:

- 91-20-3 2-ETHYL BENZENE 0.1 to 1.0 %
- 100-41-4 2-ETHYL BENZENE 0.1 to 1.0 %

HAZARDOUS AIR POLLUTANTS

- 91-20-3 2-ETHYL BENZENE
- 100-41-4 2-ETHYL BENZENE
- 1330-20-7 Mixed Xylenes

MASSACHUSETTS RIGHT TO KNOW

- 91-20-3 2-ETHYL BENZENE 0.1 to 1.0 %
- 100-41-4 2-ETHYL BENZENE 0.1 to 1.0 %
- 1330-20-7 Mixed Xylenes 1 to 5 %
- 7429-90-5 ALUMINUM FLAKE COATED WITH INHIBITOR AND DISPERSED IN MINERAL SPIRITS 10 to 20 %
- 8052-41-3 STODDARD SOLVENT 20 to 30 %

NEW JERSEY RIGHT TO KNOW

- 91-20-3 2-ETHYL BENZENE 0.1 to 1.0 %
- 100-41-4 2-ETHYL BENZENE 0.1 to 1.0 %
- 1330-20-7 Mixed Xylenes 1 to 5 %
- 64742-88-7 ALIPHATIC PETROLEUM DISTILLATES 1 to 5 %
- 7429-90-5 ALUMINUM FLAKE COATED WITH INHIBITOR AND DISPERSED IN MINERAL SPIRITS 10 to 20 %
- 8052-41-3 STODDARD SOLVENT 20 to 30 %

PENNSYLVANIA RIGHT TO KNOW

- 91-20-3 2-ETHYL BENZENE 0.1 to 1.0 %
- 100-41-4 2-ETHYL BENZENE 0.1 to 1.0 %
- 1330-20-7 Mixed Xylenes 1 to 5 %
- 7429-90-5 ALUMINUM FLAKE COATED WITH INHIBITOR AND DISPERSED IN MINERAL SPIRITS 10 to 20 %
- 8052-41-3 STODDARD SOLVENT 20 to 30 %

CHEMICAL LIST FOR SARA 311

- 1330-20-7 Mixed Xylenes

CHEMICAL LIST FOR SARA 313

- 1330-20-7 Mixed Xylenes
100-41-4  2-ETHYL BENZENE
1330-20-7  Mixed Xylenes

Country   Regulation   All Components Listed

EU Risk Phrases

Safety Phrase

- None

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>3</td>
<td>0</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
Health
Instability
Special

Reviewer Revision

Date Prepared: 9/23/2016
SAFETY DATA SHEET

SECTION 1- MANUFACTURER'S IDENTIFICATION

Product Name: ARMORLUX COLOR CHROME GREEN TANK FINISH    Product Code: J-1053
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**: 2
  - Reversible adverse effects in dermal tissue, Draize score: >= 2.3 < 4.0 or persistent inflammation
- **Mutagen**: 1B
  - Known to produce heritable mutations in human germ cells
  - Subcategory 1B, Positive results: In vivo heritable germ cell tests in mammals, Human germ cell tests, In vivo somatic mutagenicity tests, combined with some evidence of germ cell mutagenicity
- **Carcinogen**: 1A
  - Known Human Carcinogen Based on human evidence
- **Reproductive toxin**: 1A
  - Based on human evidence
- **Aspiration hazard**: 1
  - Aspiration Toxicity Category 1: Known (regarded)- human evidence - hydrocarbons with kinematic viscosity ? 20.5 mm2/s at 40° C.

GHS Hazards

- H226 Flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways
- H315 Causes skin irritation
- H340 May cause genetic defects
- 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.
- P264 Wash equipment and contaminated skin thoroughly after handling.
- 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.
- P331 Do NOT induce vomiting
- P362 Take off contaminated clothing and wash before reuse
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
- 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
- P308+P313 IF exposed or concerned; Get medical advice/attention
If skin irritation occurs: Get medical advice/attention
In case of fire: Use CO2, water spray, foam, or dry chemical to extinguish.
Store locked up
Store in a well ventilated place. Keep cool
Dispose of contents/container in accordance to appropriate regulations and laws.

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>STODDARD SOLVENT</td>
<td>8052-41-3</td>
<td>20.00% - 30.00%</td>
</tr>
<tr>
<td>ALUMINUM FLAKE COATED WITH INHIBITOR AND DISPERSED IN MINERAL SPIRITS</td>
<td>7429-90-5</td>
<td>10.00% - 20.00%</td>
</tr>
<tr>
<td>Naphtha, petroleum, hydrotreated heavy</td>
<td>64742-48-9</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>Petroleum distillates, hydrotreated light</td>
<td>64742-47-8</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>Naptha(Pet), light arom.</td>
<td>64742-95-6</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>ALIPHATIC PETROLEUM DISTILLATES</td>
<td>64742-88-7</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>Mixed Xylenes</td>
<td>1330-20-7</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>2-ETHYL BENZENE</td>
<td>100-41-4</td>
<td>0.10% - 1.00%</td>
</tr>
<tr>
<td>2-ETHYL BENZENE</td>
<td>91-20-3</td>
<td>0.10% - 1.00%</td>
</tr>
<tr>
<td>Naphtha, petroleum, hydrodesulfurized heavy</td>
<td>64742-82-1</td>
<td>0.10% - 1.00%</td>
</tr>
<tr>
<td>METHYL ETHYL KETONE OXIME</td>
<td>96-29-7</td>
<td>0.10% - 1.00%</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
EXTINGUISHING MEDIA: Use carbon dioxide (CO2), "alcohol" foam, dry chemical systems. Direct water application may cause violent frothing.

UNUSUAL FIRE OR EXPLOSION HAZARDS: The product may contain linseed oil and represents a spontaneous combustion hazard. To avoid spontaneous combustion soak soiled rags and waste in water immediately after use in a closed metal container.

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.

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>STODDARD SOLVENT 8052-41-3</td>
<td>500 ppm TWA; 2900 mg/m3 TWA</td>
<td>100 ppm TWA</td>
<td>NIOSH: 350 mg/m3 TWA 1800 mg/m3 Ceiling (15 min)</td>
</tr>
</tbody>
</table>
### 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>Viscosity</td>
<td>N/A</td>
</tr>
<tr>
<td>Appearance</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>17.8 mmHg</td>
</tr>
<tr>
<td>Coating VOC Lb/Gal</td>
<td>4.15</td>
</tr>
<tr>
<td>Odor</td>
<td>N/A</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>N/A</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.
Vapor Density: 3.9
Density: 8.18
Freezing point: N/A
Boiling range: 138°C
Evaporation rate: N/A
Explosive Limits: N/A
Autoignition temperature: N/A

pH: N/A
Melting point: N/A
Solubility: N/A
Flash point: 79 F, 26 C
Flammability: N/A
Partition coefficient (n-octanol/water): N/A
Decomposition temperature: N/A

Section 10 - Stability and Reactivity

Stability:
STABLE
Components of this mixture are incompatible with the following materials:

This mixture is likely to exhibit the following combustion products:

Hazardous polymerization will not occur.

Section 11 - Toxicological Information

Mixture Toxicity
Inhalation Toxicity LC50: 1,519mg/L

Routes of Entry:
Ingestion

Exposure to this material may affect the following organs:
Blood Eyes Kidneys Liver Central Nervous System Skin 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>64742-82-1</td>
<td>Naphtha, petroleum, hydrodesulfurized heavy</td>
<td>.1 to 1.0%</td>
<td>Naphtha, petroleum, hydrodesulfurized heavy: EU REACH: Present (P)</td>
</tr>
<tr>
<td>8052-41-3</td>
<td>STODDARD SOLVENT</td>
<td>20 to 30%</td>
<td>STODDARD SOLVENT: EU REACH: Present (P)</td>
</tr>
<tr>
<td>64742-48-9</td>
<td>Naphtha, petroleum, hydrotreated heavy</td>
<td>1 to 5%</td>
<td>Naphtha, petroleum, hydrotreated heavy: EU REACH: Present (P)</td>
</tr>
<tr>
<td>64742-95-6</td>
<td>Naptha(Pet), light arom.</td>
<td>1 to 5%</td>
<td>Naptha(Pet), light arom.: EU REACH: Present (P)</td>
</tr>
<tr>
<td>100-41-4</td>
<td>2-ETHYL BENZENE</td>
<td>.1 to 1.0%</td>
<td>2-ETHYL BENZENE: IARC: Possible human carcinogen OSHA: listed</td>
</tr>
</tbody>
</table>

Carcinogen Rating
Naphtha, petroleum, hydrodesulfurized heavy: EU REACH: Present (P)
STODDARD SOLVENT: EU REACH: Present (P)
Naphtha, petroleum, hydrotreated heavy: EU REACH: Present (P)
Naptha(Pet), light arom.: EU REACH: Present (P)
2-ETHYL BENZENE: IARC: Possible human carcinogen OSHA: listed
Section 12 - Ecological Information

Ecological information: No data found.

Component Ecotoxicity

Naphtha, petroleum, hydrotreated heavy
96 Hr LC50 Pimephales promelas: 2200 mg/L

Petroleum distillates, hydrotreated light
96 Hr LC50 Pimephales promelas: 45 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 2.2 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 2.4 mg/L [static]

Naptha(Pet), light arom.
96 Hr LC50 Oncorhynchus mykiss: 9.22 mg/L

ALIPHATIC PETROLEUM DISTILLATES
48 Hr EC50 Daphnia magna: 6.14 mg/L

96 Hr LC50 Pimephales promelas: 800 mg/L [static]
96 Hr EC50 Pseudokirchneriella subcapitata: 450 mg/L

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 Pimephales promelas: 23.53 - 29.97 mg/L [static]; 96 Hr LC50 Pimephales promelas: 23.53 - 29.97 mg/L [static]; 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]; 96 Hr LC50 Poecilia reticulata: 30.26 - 40.75 mg/L [static]

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]

2-ETHYL BENZENE
96 Hr LC50 Pimephales promelas: 5.74 - 6.44 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 1.6 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 0.91 - 2.82 mg/L [static]; 96 Hr LC50 Pimephales promelas: 1.99 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 31.0265 mg/L [static]; 48 Hr LC50 Daphnia magna: 2.16 mg/L; 48 Hr EC50 Daphnia magna: 1.96 mg/L [Flow through]; 48 Hr EC50 Daphnia magna: 1.09 - 3.4 mg/L [Static]

METHYL ETHYL KETONE OXIME
96 Hr LC50 Pimephales promelas: 777 - 914 mg/L [flow-through]; 96 Hr LC50 Poecilia reticulata: 760 mg/L [static]; 48 Hr EC50 Daphnia magna: 750 mg/L; 72 Hr EC50 Desmodesmus subspicatus: 83 mg/L

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).

<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>

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:

- 91-20-3 2-ETHYL BENZENE 0.1 to 1.0 %
- 100-41-4 2-ETHYL BENZENE 0.1 to 1.0 %

HAZARDOUS AIR POLLUTANTS

- 91-20-3 2-ETHYL BENZENE
- 100-41-4 2-ETHYL BENZENE
- 1330-20-7 Mixed Xylenes

MASSACHUSETTS RIGHT TO KNOW

- 91-20-3 2-ETHYL BENZENE 0.1 to 1.0 %
- 100-41-4 2-ETHYL BENZENE 0.1 to 1.0 %
- 1330-20-7 Mixed Xylenes 1 to 5 %
- 7429-90-5 ALUMINUM FLAKE COATED WITH INHIBITOR AND DISPERSED IN MINERAL SPIRITS 10 to 20 %
- 8052-41-3 STODDARD SOLVENT 20 to 30 %

NEW JERSEY RIGHT TO KNOW

- 91-20-3 2-ETHYL BENZENE 0.1 to 1.0 %
- 100-41-4 2-ETHYL BENZENE 0.1 to 1.0 %
- 1330-20-7 Mixed Xylenes 1 to 5 %
- 64742-88-7 ALIPHATIC PETROLEUM DISTILLATES 1 to 5 %
- 7429-90-5 ALUMINUM FLAKE COATED WITH INHIBITOR AND DISPERSED IN MINERAL SPIRITS 10 to 20 %
- 8052-41-3 STODDARD SOLVENT 20 to 30 %

PENNSYLVANIA RIGHT TO KNOW

- 91-20-3 2-ETHYL BENZENE 0.1 to 1.0 %
- 100-41-4 2-ETHYL BENZENE 0.1 to 1.0 %
- 1330-20-7 Mixed Xylenes 1 to 5 %
- 7429-90-5 ALUMINUM FLAKE COATED WITH INHIBITOR AND DISPERSED IN MINERAL SPIRITS 10 to 20 %
- 8052-41-3 STODDARD SOLVENT 20 to 30 %

CHEMICAL LIST FOR SARA 311

- 1330-20-7 Mixed Xylenes

CHEMICAL LIST FOR SARA 311/312

- 1330-20-7 Mixed Xylenes

CHEMICAL LIST FOR SARA 313
100-41-4  2-ETHYL BENZENE
1330-20-7  Mixed Xylenes

Country  Regulation  All Components Listed

EU Risk Phrases

Safety Phrase

- None

16: OTHER INFORMATION

Hazardous Material Information System (HMIS)

<table>
<thead>
<tr>
<th>Category</th>
<th>HMIS &amp; NFPA Hazard Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEALTH</td>
<td>* 2</td>
</tr>
<tr>
<td>FLAMMABILITY</td>
<td>3</td>
</tr>
<tr>
<td>PHYSICAL HAZARD</td>
<td>0</td>
</tr>
<tr>
<td>PERSONAL PROTECTION</td>
<td>C</td>
</tr>
</tbody>
</table>

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

National Fire Protection Association (NFPA)

Flammability

Health

Instability

Special

Date Prepared: 10/14/2016

Reviewer Revision