SECTION 1: IDENTIFICATION
1.1. Product Identifier
Product Form: Mixture
Product Name: ARMSTRONG’S WOOD STAINS
1.2. Intended Use of the Product
Use of the substance/mixture: WOOD STAIN
1.3. Name, Address, and Telephone of the Responsible Party
Company
Armstrong Clark Company
14949 Camage Ave.
Sonora, CA 95370
1.4. Emergency Telephone Number: CHEMTREC: 1-800-424-9300

SECTION 2: HAZARDS IDENTIFICATION
2.1. Classification of the Substance or Mixture
Classification (GHS-US)
Eye Irrit. 2A H319
Skin Sens. 1 H317
Carc. 1B H350
STOT RE 2 H373
Asp. Tox. 1 H304
Aquatic Acute 2 H401
Aquatic Chronic 3 H412
Full text of H-phrases: see section 16
2.2. Label Elements
GHS-US Labeling
Hazard Pictograms (GHS-US):

Signal Word (GHS-US) : Danger
Hazard Statements (GHS-US):
H304 - May be fatal if swallowed and enters airways.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H350 - May cause cancer.
H373 - May cause damage to organs through prolonged or repeated exposure.
H401 - Toxic to aquatic life.
H412 - Harmful to aquatic life with long lasting effects.

Precautionary Statements (GHS-US):
P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P260 - Do not breathe vapors, mist, or spray.
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
P272 - Contaminated work clothing must not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing, and eye protection.
P301+P310 - If swallowed: Immediately call a poison center or doctor.
P302+P352 - If on skin: Wash with plenty of water.
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 - If exposed or concerned: Get medical advice/attention.
P331 - Do NOT induce vomiting.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P405 - Store locked up.
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

2.3. Other Hazards
Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US)
No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance
Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product Identifier</th>
<th>%</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lubricating oils, petroleum, hydrotreated</td>
<td>(CAS No) 64742-58-1</td>
<td>20-35</td>
<td>Asp. Tox. 1, H304, Aquatic Acute 2, H401</td>
</tr>
<tr>
<td>Proprietary Ingredient #1</td>
<td>Proprietary*</td>
<td>20-40</td>
<td>Asp. Tox. 1, H304, Aquatic Acute 2, H401</td>
</tr>
<tr>
<td>Linseed oil</td>
<td>(CAS No) 8001-26-1</td>
<td>20-46</td>
<td>Not classified</td>
</tr>
<tr>
<td>Petroleum</td>
<td>(CAS No) 8002-05-9</td>
<td>7-Feb</td>
<td>Flam. Liq. 1, H224, Skin Irrit. 2, H315, Eye Irrit. 2A, H319, Carc. 1B, H350, STOT SE 3, H336, STOT RE 2, H373, Asp. Tox. 1, H304, Aquatic Acute 2, H401, Aquatic Chronic 2, H411</td>
</tr>
<tr>
<td>3-Iodo-2-propynyl butylcarbamate</td>
<td>(CAS No) 55406-53-6</td>
<td>0.4</td>
<td>Acute Tox. 4 (Oral), H302, Acute Tox. 3 (Inhalation:dust,mist), H331, Eye Dam. 1, H318, Skin Sens. 1, H317, STOT SE 3, H335, STOT RE 1, H372, Aquatic Acute 1, H400</td>
</tr>
</tbody>
</table>

The specific chemical identity has been withheld as a trade secret [29 CFR 1910.1200].
Full text of H-phrases: see section 16
SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures
First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.
First-aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.
First-aid Measures After Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.
First-aid Measures After Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.
First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2. Most important symptoms and effects, both acute and delayed
Symptoms/Injuries: Causes serious eye irritation. Skin sensitization. May cause cancer. May cause damage to organs through prolonged or repeated exposure.
Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.
Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction. Symptoms may include: Redness, pain, swelling, itching, burning, dryness, and dermatitis.
Symptoms/Injuries After Eye Contact: Causes serious eye irritation. Symptoms may include: Redness, pain, swelling, itching, burning, tearing, and blurred vision.
Symptoms/Injuries After Ingestion: May be fatal if swallowed and enters airways.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed
If exposed or concerned, get medical advice and attention.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media
Suitable Extinguishing Media: Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂).
Unsuitable Extinguishing Media: Do not use a heavy water stream. A heavy water stream may spread burning liquid.

5.2. Special Hazards Arising From the Substance or Mixture
Fire Hazard: Not considered flammable but may burn at high temperatures.
Explosion Hazard: Product is not explosive.
Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters
Precautionary Measures Fire: Exercise caution when fighting any chemical fire. Under fire conditions, hazardous fumes will be present.
Firefighting Instructions: Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.
Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.
Other Information: Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures
General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe vapor, mist or spray.

6.1.1. For Non-emergency Personnel
Protective Equipment: Use appropriate personal protection equipment (PPE).
Emergency Procedures: Evacuate unnecessary personnel. Stop leak if safe to do so.

6.1.2. For Emergency Responders
Protective Equipment: Equip cleanup crew with proper protection.
Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Eliminate ignition sources.

6.2. Environmental Precautions
Prevent entry to sewers and public waters. Avoid release to the environment.

6.3. Methods and Material for Containment and Cleaning Up
For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material. Transfer spilled material to a suitable container for disposal. Do not take up in combustible material such as: saw dust or cellulosic material. Contact competent authorities after a spill. AVOID SPONTANEOUS COMBUSTION! Place all rags and sponges in a water filled metal container after use to prevent spontaneous combustion. If you do not have a container use an empty stain can. Let the rags sit for at least one week. Saturate any large textiles like drop cloths or paper products used for drop sheets or spray guards with water. Wash clothes with stain on them - do not leave them lying around.

6.4. Reference to Other Sections
See Heading 8. Exposure controls and personal protection. See Section 13, Disposal Considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling
Precautions for Safe Handling: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes, on skin, or on clothing. Do not breathe vapors, mist, spray. AVOID SPONTANEOUS COMBUSTION! Place all rags and sponges in a water filled metal container after use to prevent spontaneous combustion. If you do not have a container use an empty stain can. Let the rags sit for at least one week. Saturate any large textiles like drop cloths or paper products used for drop sheets or spray guards with water. Wash clothes with stain on them - do not leave them lying around.
Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

7.2. Conditions for Safe Storage, Including Any Incompatibilities
Technical Measures: Comply with applicable regulations.
Storage Conditions: Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store in a well-ventilated place. Keep container tightly closed.
Incompatible Products: Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(s)
WOOD STAIN

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters
For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), or OSHA (PEL).

<table>
<thead>
<tr>
<th>Substance</th>
<th>NIOSH REL (TWA) (mg/m³)</th>
<th>NIOSH REL (ceiling) (mg/m³)</th>
<th>NIOSH REL (ceiling) (ppm)</th>
<th>US IDLH (ppm) (10% LEL)</th>
<th>OSHA PEL (TWA) (mg/m³)</th>
<th>OSHA PEL (TWA) (ppm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum</td>
<td>350 mg/m³</td>
<td>1800 mg/m³ (15 min)</td>
<td>1100 ppm (10% LEL)</td>
<td>2000 mg/m³</td>
<td>500 ppm</td>
<td></td>
</tr>
</tbody>
</table>
8.2. Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.


Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear protective gloves.

Eye Protection: Chemical safety goggles.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State: Liquid

Appearance: Various stain colors

Odor: SLIGHT SOLVENT

Odor Threshold: No data available

pH: No data available

Evaporation Rate: No data available

Melting Point: No data available

Freezing Point: No data available

Boiling Point: 375 - 420 °F (190.56 - 215.56 °C)

Flash Point: 205 °F (96.11 °C)

Auto-ignition Temperature: No data available

Decomposition Temperature: No data available

Flammability (solid, gas): No data available

Vapor Pressure: No data available

Relative Vapor Density at 20 °C: No data available

Relative Density: No data available

Solubility: NONE IN WATER

Partition Coefficient: N-Octanol/Water: No data available

Viscosity: No data available

9.2. Other Information

VOC content: < 50
SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity: Hazardous reactions will not occur under normal conditions.
10.2. Chemical Stability: Stable under normal temperature and pressure.
10.3. Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
10.4. Conditions to Avoid: Direct sunlight, extremely high or low temperatures, and incompatible materials.
10.5. Incompatible Materials: Strong acids, strong bases, strong oxidizers.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information On Toxicological Effects

Acute Toxicity: Not classified

<table>
<thead>
<tr>
<th>Substance</th>
<th>LD₅₀ Oral Rat</th>
<th>LD₅₀ Dermal Rabbit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum (8002-05-9)</td>
<td>&gt; 4300 mg/kg</td>
<td>&gt; 2000 mg/kg</td>
</tr>
<tr>
<td>ATE (Dust/Mist)</td>
<td>2.18 mg/l/4h</td>
<td></td>
</tr>
<tr>
<td>3-Iodo-2-propynyl butylcarbanate (55406-53-6)</td>
<td>1470 mg/kg</td>
<td></td>
</tr>
<tr>
<td>ATE (Dust/Mist)</td>
<td>0.50 mg/l/4h</td>
<td></td>
</tr>
<tr>
<td>Lubricating Oils, Petroleum, Hydrotreated (64742-58-1)</td>
<td>&gt; 2000 mg/kg</td>
<td>&gt; 4480 mg/kg</td>
</tr>
<tr>
<td>Proprietary Ingredient #1 (Proprietary)</td>
<td>&gt; 2000 mg/kg</td>
<td>&gt; 4480 mg/kg</td>
</tr>
<tr>
<td>Skin Corrosion/Irritation: Not classified</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Serious Eye Damage/Irritation: Causes serious eye irritation</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Respiratory or Skin Sensitization: May cause an allergic skin reaction
Germ Cell Mutagenicity: Not classified
Carcinogenicity: May cause cancer

Specific Target Organ Toxicity (Single Exposure): Not classified

Specific Target Organ Toxicity (Repeated Exposure): May cause damage to organs through prolonged or repeated exposure

Aspiration Hazard: May be fatal if swallowed and enters airways
Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation
Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction. Symptoms may include: Redness, pain, swelling, itching, burning, dryness, and dermatitis
Symptoms/Injuries After Eye Contact: Causes serious eye irritation. Symptoms may include: Redness, pain, swelling, itching, tearing, and blurred vision
Symptoms/Injuries After Ingestion: May be fatal if swallowed and enters airways
Chronic Symptoms: May cause cancer. May cause damage to organs through prolonged or repeated exposure

**SECTION 12: ECOLOGICAL INFORMATION**

12.1. Toxicity
Ecology - General: Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>Substance</th>
<th>LC50/Fish</th>
<th>LC50/Other Aquatic Organisms</th>
<th>EC50/Daphnia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum (8002-05-9)</td>
<td>&lt; 7.1 mg/l (Species: Pimephales promelas, Exposure time 96 h)</td>
<td>2.7 mg/l LL50 96 hr (Kelp forest mysid shrimp)</td>
<td>6.9 mg/l (Exposure time: 48 h)</td>
</tr>
<tr>
<td>3-iodo-2-propynyl butylcarbanate (55406-53-6)</td>
<td>0.14 - 0.32 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)</td>
<td>0.049 - 0.079 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)</td>
<td></td>
</tr>
<tr>
<td>Lubricating Oils, Petroleum, Hydrotreated (64742-58-1)</td>
<td>79.6 mg/l (Exposure time: 96 h - Species: Brachydanio rerio)</td>
<td>3.2 mg/l (Exposure time: 96 h - Species: Pimephales promelas)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Substance</th>
<th>LC50/Fish</th>
<th>LC50/Other Aquatic Organisms</th>
<th>EC50/Daphnia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proprietary Ingredient #1 (Proprietary)</td>
<td>79.6 mg/l (Exposure time: 96 h - Species: Brachydanio rerio)</td>
<td>3.2 mg/l (Exposure time: 96 h - Species: Pimephales promelas)</td>
<td></td>
</tr>
</tbody>
</table>

12.2. Persistence and Degradability
ARMSTRONG’S WOOD STAINS
Persistence and Degradability: Not established.

12.3. Bioaccumulative Potential
ARMSTRONG’S WOOD STAINS
Bioaccumulative Potential: Not established.

12.4. Mobility in Soil
No additional information available

12.5. Other Adverse Effects
Other Information: Avoid release to the environment.

**SECTION 13: DISPOSAL CONSIDERATIONS**

13.1. Waste treatment methods
Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, and international regulations.
Ecology – Waste Materials: Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.
## SECTION 14: TRANSPORT INFORMATION

14.1. In Accordance with DOT  
Not regulated for transport

14.2. In Accordance with IMDG  
Not regulated for transport

14.3. In Accordance with IATA  
Not regulated for transport

## SECTION 15: REGULATORY INFORMATION

### 15.1 US Federal Regulations

**ARMSTRONG’S WOOD STAINS**

| SARA Section 311/312 Hazard Classes | Health hazard - Serious eye damage or eye irritation  
Health hazard - Respiratory or skin sensitization  
Health hazard - Carcinogenicity  
Health hazard - Specific target organ toxicity (single or repeated exposure)  
Health hazard - Aspiration hazard |
---|---|

**Petroleum (8002-05-9)**  
Listed on the United States TSCA (Toxic Substances Control Act) inventory

**3-lodo-2-propynyl butylcarbanate (55406-53-6)**  
Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Listed on United States SARA Section 313  
SARA Section 313 - Emission Reporting  
1.0 %

**Lubricating Oils, Petroleum, Hydrotreated (64742-58-1)**  
Listed on the United States TSCA (Toxic Substances Control Act) inventory

**Proprietary Ingredient #1 (Proprietary)**  
Listed on the United States TSCA (Toxic Substances Control Act) inventory

**Linseed Oil (8001-26-1)**  
Listed on the United States TSCA (Toxic Substances Control Act) inventory  
EPA TSCA Regulatory Flag  
Y2 - Y2 - indicates an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule.

### 15.2 US State Regulations

**Petroleum (8002-05-9)**  
U.S. - Massachusetts - Right To Know List  
U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - Pennsylvania - RTK (Right to Know) List

**3-lodo-2-propynyl butylcarbanate (55406-53-6)**  
U.S. - New Jersey - Right to Know Hazardous Substance List

**Linseed Oil (8001-26-1)**  
U.S. - Pennsylvania - RTK (Right to Know) List
SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date: 04/02/2018
Other Information: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

<table>
<thead>
<tr>
<th>Acute Tox. 3 (Inhalation:dust,mist)</th>
<th>Acute toxicity (inhalation:dust,mist) Category 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox. 4 (Oral)</td>
<td>Acute toxicity (oral) Category 4</td>
</tr>
<tr>
<td>Aquatic Acute 1</td>
<td>Hazardous to the aquatic environment - Acute Hazard Category 1</td>
</tr>
<tr>
<td>Aquatic Acute 2</td>
<td>Hazardous to the aquatic environment - Acute Hazard Category 2</td>
</tr>
<tr>
<td>Aquatic Chronic 2</td>
<td>Hazardous to the aquatic environment - Chronic Hazard Category 2</td>
</tr>
<tr>
<td>Aquatic Chronic 3</td>
<td>Hazardous to the aquatic environment - Chronic Hazard Category 3</td>
</tr>
<tr>
<td>Asp. Tox. 1</td>
<td>Aspiration hazard Category 1</td>
</tr>
<tr>
<td>Carc. 1B</td>
<td>Carcinogenicity Category 1B</td>
</tr>
<tr>
<td>Eye Dam. 1</td>
<td>Serious eye damage/eye irritation Category 1</td>
</tr>
<tr>
<td>Eye Irrit. 2A</td>
<td>Serious eye damage/eye irritation Category 2A</td>
</tr>
<tr>
<td>Flam. Liq. 1</td>
<td>Flammable liquids Category 1</td>
</tr>
<tr>
<td>Skin Irrit. 2</td>
<td>Skin corrosion/irritation Category 2</td>
</tr>
<tr>
<td>Skin Sens. 1</td>
<td>Skin sensitization Category 1</td>
</tr>
<tr>
<td>STOT RE 1</td>
<td>Specific target organ toxicity (repeated exposure) Category 1</td>
</tr>
<tr>
<td>STOT RE 2</td>
<td>Specific target organ toxicity (repeated exposure) Category 2</td>
</tr>
<tr>
<td>STOT SE 3</td>
<td>Specific target organ toxicity (single exposure) Category 3</td>
</tr>
<tr>
<td>STOT SE 3</td>
<td>Specific target organ toxicity (single exposure) Category 3</td>
</tr>
<tr>
<td>H224</td>
<td>Extremely flammable liquid and vapor</td>
</tr>
<tr>
<td>H302</td>
<td>Harmful if swallowed</td>
</tr>
<tr>
<td>H304</td>
<td>May be fatal if swallowed and enters airways</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
</tr>
</tbody>
</table>
### Hazard Statements

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation</td>
</tr>
<tr>
<td>H331</td>
<td>Toxic if inhaled</td>
</tr>
<tr>
<td>H335</td>
<td>May cause respiratory irritation</td>
</tr>
<tr>
<td>H336</td>
<td>May cause drowsiness or dizziness</td>
</tr>
<tr>
<td>H350</td>
<td>May cause cancer</td>
</tr>
<tr>
<td>H372</td>
<td>Causes damage to organs through prolonged or repeated exposure</td>
</tr>
<tr>
<td>H373</td>
<td>May cause damage to organs through prolonged or repeated exposure</td>
</tr>
<tr>
<td>H400</td>
<td>Very toxic to aquatic life</td>
</tr>
<tr>
<td>H401</td>
<td>Toxic to aquatic life</td>
</tr>
<tr>
<td>H411</td>
<td>Toxic to aquatic life with long lasting effects</td>
</tr>
<tr>
<td>H412</td>
<td>Harmful to aquatic life with long lasting effects</td>
</tr>
</tbody>
</table>

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

SDS US (GHS HazCom)