## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1. Product identifier
- **Product name**: Captain Jack’s Varnish
- **Product form**: Mixture
- **Other means of identification**: V1000 & V1100

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

### 1.3. Details of the supplier of the safety data sheet
New Nautical Coatings, Inc.
Sea Hawk Premium Yacht Finishes
14805 49th Street North
Clearwater, FL 33762
USA Only: 1-800-528-0997
International: (727) 523-8053

### 1.4. Emergency telephone number
- **Emergency number**: CHEMTREC day or night inside USA & Canada
  - 1-800-424-9300
  - CHEMTREC day or night outside USA & Canada
  - +1-703-741-5970
  - Poison Control Center
  - 1-800-222-1222

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture
**GHS-US classification**
- Flam. Liq. 2: H225
- Skin Sens. 1: H317
- Mut. 1B: H340
- Carc. 1B: H350
- Repr. 2: H361
- STOT SE 3: H336
- STOT SE 3: H335
- STOT RE 1: H372
- Asp. Tox. 1: H304
- Aquatic Acute 3: H402
- Aquatic Chronic 2: H411

### 2.2. Label elements
**GHS-US labelling**
- **Hazard pictograms (GHS-US)**: 
  - GHS02
  - GHS07
  - GHS08
  - GHS09
- **Signal word (GHS-US)**: Danger
- **Hazard statements (GHS-US)**:
  - H225 - Highly flammable liquid and vapour
  - H304 - May be fatal if swallowed and enters airways
  - H317 - May cause an allergic skin reaction
  - H335 - May cause respiratory irritation
  - H336 - May cause drowsiness or dizziness
  - H340 - May cause genetic defects
  - H350 - May cause cancer
  - H361 - Suspected of damaging fertility or the unborn child
  - H372 - Causes damage to organs through prolonged or repeated exposure
  - H402 - Harmful to aquatic life
  - H411 - Toxic 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
- P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking
- P233 - Keep container tightly closed
- P240 - Ground/bond container and receiving equipment
- P241 - Use explosion-proof electrical, lighting, ventilating equipment
- P242 - Use only non-sparking tools
- P243 - Take precautionary measures against static discharge
- P260 - Do not breathe dust, fume, gas, mist, spray, vapours
- P281 - Avoid breathing dust, fume, gas, mist, spray, vapours
- P264 - Wash hands, forearms and face thoroughly after handling
- P270 - Do not eat, drink or smoke when using this product
- P271 - Use only outdoors or in a well-ventilated area
- P272 - Contaminated work clothing must not be allowed out of the workplace
- P273 - Avoid release to the environment
- P280 - Wear eye protection, protective gloves, protective clothing
- P301 + P330 - IF SWALLOWED: Immediately call a doctor, a poison center
- P302 + P352 - If on skin: Wash with plenty of soap and water
- P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
- P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
- P308 + P313 - If exposed or concerned: Get medical advice/attention
- P312 - Call a doctor, a poison center if you feel unwell
- P314 - Get medical advice/attention if you feel unwell
- P321 - Specific treatment (see first aid instructions on this label)
- P331 - Do NOT induce vomiting
- P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention
- P362 + P364 - Take off contaminated clothing and wash it before reuse
- P370 + P378 - In case of fire: Use carbon dioxide (CO2), dry extinguishing powder, alcohol resistant foam, sand to extinguish
- P391 - Collect spillage
- P403 + P233 - Store in a well-ventilated place. Keep container tightly closed
- P403 + P235 - Store in a well-ventilated place. Keep cool
- P405 - Store locked up
- P501 - Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste

2.3. Other hazards

Other hazards not contributing to the classification: None under normal 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>
</tr>
</thead>
<tbody>
<tr>
<td>Stoddard solvent</td>
<td>(CAS No) 8052-41-3</td>
<td>30 - 60</td>
</tr>
<tr>
<td>Solvent naphtha, petroleum, light aromatic</td>
<td>(CAS No) 64742-95-6</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Toluene</td>
<td>(CAS No) 108-88-3</td>
<td>0.5 - 1.5</td>
</tr>
<tr>
<td>Benzene, 1,2,4-trimethyl-</td>
<td>(CAS No) 95-63-6</td>
<td>0.5 - 1.5</td>
</tr>
<tr>
<td>Diisobutyl ketone</td>
<td>(CAS No) 108-83-8</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>Naphtha, petroleum, hydrotreated heavy</td>
<td>(CAS No) 64742-48-9</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>Methyl ethyl ketoxime</td>
<td>(CAS No) 96-29-7</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>Zirconium ethyl hexoate</td>
<td>(CAS No) 22484-99-9</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>Cobalt neodecanoate</td>
<td>(CAS No) 27253-31-2</td>
<td>&lt; 0.1</td>
</tr>
<tr>
<td>Naphthenic acids, cobalt salts</td>
<td>(CAS No) 61789-51-3</td>
<td>&lt; 0.1</td>
</tr>
</tbody>
</table>

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 (show the label where possible).

First-aid measures after inhalation: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention. If breathing is difficult, supply oxygen. If breathing has stopped, give artificial respiration.

First-aid measures after skin contact: IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention.
**Captain Jack's Varnish & Captain Jack’s Fast Flash Varnish**  
**Safety Data Sheet**

Prepared according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| **First-aid measures after eye contact** | IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. If pain, blinking, or irritation develops or persists, get medical attention. Continue rinsing. |
| **First-aid measures after ingestion** | IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention immediately. |

### 4.2. Most important symptoms and effects, both acute and delayed

#### Symptoms/injuries
- May be fatal if swallowed and enters airways. May cause an allergic skin reaction. May cause respiratory irritation. May cause drowsiness or dizziness. May cause genetic defects. May cause cancer. Suspected of damaging fertility. Suspected of damaging the unborn child. Causes damage to organs through prolonged or repeated exposure.

#### Symptoms/injuries after inhalation
- May cause respiratory irritation. May cause drowsiness or dizziness.

#### Symptoms/injuries after skin contact
- May cause an allergic skin reaction.

#### Symptoms/injuries after eye contact
- Direct contact with the eyes is likely to be irritating.

#### Symptoms/injuries after ingestion
- May be fatal if swallowed and enters airways.

#### Chronic symptoms
- May cause genetic defects. May cause cancer. Suspected of damaging fertility. Suspected of damaging the unborn child. Causes damage to organs through prolonged or repeated exposure.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

---

**SECTION 5: Firefighting measures**

1. **Extinguishing media**

2. **Special hazards arising from the substance or mixture**
   - Fire hazard: Highly flammable liquid and vapour.
   - Explosion hazard: Product is not explosive. Under fire conditions closed containers may rupture or explode.
   - Reactivity: No dangerous reactions known under normal conditions of use.

3. **Advice for firefighters**
   - Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment.
   - Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

---

**SECTION 6: Accidental release measures**

1. **Personal precautions, protective equipment and emergency procedures**

1.1. **For non-emergency personnel**
   - Protective equipment: Wear Protective equipment as described in Section 8.
   - Emergency procedures: Evacuate unnecessary personnel.

1.2. **For emergency responders**
   - Protective equipment: Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air respirator, in case of emergency.

2. **Environmental precautions**
   - Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

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. Scoop solid spill into closing containers or bags. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal.
   - Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13). Exclude sources of ignition and ventilate the area. Waste from this product may be hazardous as defined under RCRA (40 CFR 261).

4. **Reference to other sections**
   - No additional information available

---

**SECTION 7: Handling and storage**

1. **Precautions for safe handling**
   - Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid contact with eyes. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use. Containers of this material may be hazardous when emptied. Do not breathe mist, spray.
7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep only in the original container in a cool, well ventilated place away from: Direct sunlight, Heat sources. Keep container closed when not in use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Substance Description</th>
<th>ACGIH TWA (ppm)</th>
<th>Remark (ACGIH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stoddard solvent (8052-41-3)</td>
<td>100</td>
<td>CNS impairment; Eye, skin, and kidney damage; nausea</td>
</tr>
<tr>
<td>Toluene (108-88-3)</td>
<td>20</td>
<td>Visual impair; female repro;</td>
</tr>
<tr>
<td>Solvent naphtha, petroleum, light aromatic (64742-95-6)</td>
<td></td>
<td>OELs not established</td>
</tr>
<tr>
<td>Benzene, 1,2,4-trimethyl- (95-63-6)</td>
<td></td>
<td>OELs not established</td>
</tr>
<tr>
<td>Diisobutyl ketone (108-83-8)</td>
<td>25</td>
<td>eye and upper respiratory tract irritation</td>
</tr>
<tr>
<td>Cobalt neodecanoate (27253-31-2)</td>
<td></td>
<td>OELs not established</td>
</tr>
<tr>
<td>Naphthenic acids, cobalt salts (61789-51-3)</td>
<td></td>
<td>OELs not established</td>
</tr>
<tr>
<td>Zirconium ethyl hexoate (22464-99-9)</td>
<td></td>
<td>OELs not established</td>
</tr>
<tr>
<td>Naphtha, petroleum, hydrotreated heavy (64742-48-9)</td>
<td></td>
<td>OELs not established</td>
</tr>
<tr>
<td>Methyl ethyl ketoxime (96-29-7)</td>
<td></td>
<td>OELs not established</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Appropriate engineering controls: Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.
Safety Data Sheet
Prepared according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

**SECTION 9: Physical and chemical properties**

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Amber</td>
</tr>
<tr>
<td>Odor</td>
<td>No data available</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>38°C (100°F)-closed cup</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapour density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.88</td>
</tr>
<tr>
<td>Solubility</td>
<td>No data available</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Log Kow</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>No data available</td>
</tr>
</tbody>
</table>

9.2. Other information

No additional information available

**SECTION 10: Stability and reactivity**

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions

None known.
10.4. Conditions to avoid

10.5. Incompatible materials
No data available.

10.6. Hazardous decomposition products
No data available.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Acute toxicity</th>
<th>Not classified</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>Not classified</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Not classified</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>May cause an allergic skin reaction.</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>May cause genetic defects.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>May cause cancer.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Toluene (108-88-3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IARC group</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Naphthenic acids, cobalt salts (61789-51-3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IARC group</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Reproductive toxicity</th>
<th>Suspected of damaging fertility or the unborn child.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>May cause drowsiness or dizziness. May cause respiratory irritation.</td>
</tr>
<tr>
<td>Specific target organ toxicity (repeated exposure)</td>
<td>Causes damage to organs through prolonged or repeated exposure.</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>May be fatal if swallowed and enters airways.</td>
</tr>
<tr>
<td>Symptoms/injuries after inhalation</td>
<td>May cause respiratory irritation. May cause drowsiness or dizziness.</td>
</tr>
<tr>
<td>Symptoms/injuries after skin contact</td>
<td>May cause an allergic skin reaction.</td>
</tr>
<tr>
<td>Symptoms/injuries after eye contact</td>
<td>Direct contact with the eyes is likely to be irritating.</td>
</tr>
<tr>
<td>Symptoms/injuries after ingestion</td>
<td>May be fatal if swallowed and enters airways.</td>
</tr>
<tr>
<td>Chronic symptoms</td>
<td>May cause genetic defects. May cause cancer. Suspected of damaging fertility. Suspected of damaging the unborn child. Causes damage to organs through prolonged or repeated exposure.</td>
</tr>
</tbody>
</table>

SECTION 12: Ecological information

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

12.2. Persistence and degradability
No additional information available

12.3. Bioaccumulative potential
No additional information available

12.4. Mobility in soil
No additional information available

12.5. Other adverse effects
No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Waste treatment methods : Do not discharge to public wastewater systems without permit of pollution control authorities. No discharge to surface waters is allowed without an NPDES permit.

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment.
SECTION 14: Transport information

In accordance with DOT

14.1. UN number
UN-No.(DOT) : 1263
DOT NA no. : UN1263

14.2. UN proper shipping name
DOT Proper Shipping Name : paint

Department of Transportation (DOT) Hazard Classes : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Hazard labels (DOT) : 3 - Flammable liquid

Packing group (DOT) : III-Minor Danger

14.3. Additional information

Transportation by land (ADR)
Transport document description : UN 1263 ,PAINT,3,III,(D/E)

Packaging group (ADR) : III
Class (ADR) : 3 - Flammable liquid
State during Transport (ADR-RID) : As liquid

Hazard identification number (Kemler No.) : 30

Classification code (ADR) : F1
Tunnel restriction code : D/E
Danger labels (ADR) : 3 - Flammable liquid

Transport by sea
UN-No. (IMDG) : 1263
Packaging Group : III

Class (IMDG) : 3 - Flammable liquid
EmS-No.(1) : F-E
EmS-No.(2) : S-E
Marine Pollutant : Yes

Air transport
UN-No. (IATA) : 1263

Class (IATA) : 3 - Flammable liquid

Packaging group (IATA) : III-Minor Danger
SECTION 15: Regulatory information

15.1. US Federal regulations

Captain Jack’s Varnish

All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory

<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS #:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene</td>
<td>108-88-3</td>
</tr>
</tbody>
</table>

Listed on the United States TSCA (Toxic Substances Control Act) inventory

<table>
<thead>
<tr>
<th>Section</th>
<th>TPQ</th>
<th>lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>302 (EHS)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>304 EHS RQ</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CERCLA RQ</td>
<td>1000</td>
<td>lb</td>
</tr>
<tr>
<td>313</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Listed on US SARA Section 313

15.2. International regulations

CANADA

No additional information available.

15.3. US State regulations

California Proposition 65

This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity

<table>
<thead>
<tr>
<th>Substance</th>
<th>Proposition 65 - Carcinogens List</th>
<th>U.S. - California - Proposition 65 - Developmental Toxicity</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Female</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Male</th>
<th>No significance risk level (NSRL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene (108-88-3)</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Benzene (71-43-2)</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Cumene (98-82-8)</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Ethylbenzene (100-41-4)</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Stoddard solvent (8052-41-3)</td>
<td>U.S. - New Jersey - Right to Know Hazardous Substance List</td>
<td>U.S. - Massachusetts - Right To Know List</td>
<td>U.S. - Pennsylvania - RTK (Right to Know) List</td>
<td>U.S. - Massachusetts - Right To Know List</td>
<td>U.S. - New Jersey - Right to Know Hazardous Substance List</td>
</tr>
<tr>
<td>Toluene (108-88-3)</td>
<td>U.S. - Massachusetts - Right To Know List</td>
<td>U.S. - New Jersey - Right to Know Hazardous Substance List</td>
<td>U.S. - Massachusetts - Right To Know List</td>
<td>U.S. - Pennsylvania - RTK (Right to Know) List</td>
<td>U.S. - Massachusetts - Right To Know List</td>
</tr>
</tbody>
</table>

02/09/2015 Captain Jack's Varnish V1000
Captain Jack’s Fast Flash Varnish V1100
Captain Jack's Varnish & Captain Jack’s Fast Flash Varnish
Safety Data Sheet
Prepared according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 16: Other information

Indication of changes : Revision 1.0: New SDS Created.
Revision date : 02/09/2016
Other information : Author: NMR, MG.

NFPA health hazard : 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given.
NFPA fire hazard : 4 - Will rapidly or completely vaporize at normal pressure and temperature, or is readily dispersed in air and will burn readily.
NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

HMIS III Rating
Health : 3*
Flammability : 4
Physical : 0
Personal Protection :

The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this material under normal conditions. Any use of the material which is not in conformance with this Data Sheet or which involves using this material in combination with any other material or any other process is the responsibility of the user. All materials present unknown health hazards and should be used with caution. Although certain hazards are described herein, the manufacturer and its agents cannot guarantee that these are the only hazards which exist. Further, the manufacturer and its agents assume no responsibility for personal injury or property damage to vendors, users, or third-parties caused by this material. User assumes all risks associated with the use of this material.