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

1.1. Product identifier
Trade name : Professional® Water Sealant <120 VOC Low Solids
Product form : Mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/mixture : Water Repellent
Other information : For professional use only

1.3. Details of the supplier of the safety data sheet
4456 S. Clifton
Wichita, Kansas 67216
1-800-676-7346

1.4. Emergency telephone number
Emergency number : CHEMTREC: 1-800-424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
GHS-US classification
Flam. Liq. 3   H226
Skin Irrit. 2   H315
Skin Sens. 1   H317
Carc. 2       H351
STOT SE 3     H336
Asp. Tox. 1   H304
Aquatic Chronic 2 H411

2.2. Label elements
GHS-US labelling
Hazard pictograms (GHS-US) :

Signal word (GHS-US) : Danger
Hazard statements (GHS-US) :
H226 - Flammable liquid and vapour
H304 - May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H336 - May cause drowsiness or dizziness
H351 - Suspected of causing cancer
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
P207 - Keep away from heat, sparks, open flames, hot surfaces. - No smoking
P208 - Keep container tightly closed
P209 - Ground/bond container and receiving equipment
P240 - Use explosion-proof electrical equipment
P241 - Use only non-sparking tools
P243 - Take precautionary measures against static discharge
P261 - Avoid breathing fume, mist, spray, vapours
P264 - Wash clothing, hands, forearms and face thoroughly after handling
P270 - Use only outdoors or in a well-ventilated area
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
P274 - Do not flush with water
P280 - Wear eye protection, face protection, protective clothing, protective gloves
P301+P310 - IF SWALLOWED: Immediately call a doctor or 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
P305+P351+P335 - IF EXPOSED OR CONCEALED: Get medical advice/attention
P312 - Call a doctor, a poison center if you feel unwell
Professional® Water Sealant <120 VOC Low Solids
Safety Data Sheet
Prepared according to Federal Register / Professional® Water Sealant <120 VOC

2.3. Other hazards
No additional information available

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>Tetrachloroethylene</td>
<td>(CAS No) 127-18-4</td>
<td>60 - 100</td>
</tr>
<tr>
<td>Naphtha, petroleum, hydrotreated heavy</td>
<td>(CAS No) 64742-48-9</td>
<td>10 - 30</td>
</tr>
<tr>
<td>Proprietary ingredient 1</td>
<td>Proprietary*</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>Proprietary ingredient 2</td>
<td>Proprietary*</td>
<td>0.1 - 1</td>
</tr>
</tbody>
</table>

*In accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR §1910.1200), the specific chemical identity has been withheld as a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures
First-aid measures general : If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.

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 it before reuse. Wash the skin with plenty of water for at least 15 minutes. If irritation develops or persists, get medical attention.

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 : Causes skin irritation. May cause an allergic skin reaction. Suspected of causing cancer. May be fatal if swallowed and enters airways. May cause drowsiness or dizziness.

Symptoms/injuries after inhalation : May cause respiratory irritation. May be fatal if swallowed and enters airways.

Symptoms/injuries after skin contact : Causes skin irritation. 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. May cause gastrointestinal irritation.

Chronic symptoms : Suspected of causing cancer. Skin sensitization.

4.3. Indication of any immediate medical attention and special treatment needed
No additional information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Unsuitable extinguishing media : None known.

5.2. Special hazards arising from the substance or mixture
Fire hazard : Combustible liquid. May be ignited by heat, sparks or flames.

Explosion hazard : Product is not explosive.

Reactivity : No dangerous reactions known under normal conditions of use.
5.3. **Advice for firefighters**
Precautionary measures fire: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
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

#### 6.1. Personal precautions, protective equipment and emergency procedures

**General measures:** Evacuate area. ventilate area. keep upwind. Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear (see Section 8).

**For non-emergency personnel**

- **Protective equipment:** Wear protective equipment as described in Section 8.
- **Emergency procedures:** Evacuate unnecessary personnel.

**For emergency responders**

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

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

#### 6.2. 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. Place in properly labeled metal container.

**Methods for cleaning up:** Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Place in properly labeled metal container. This material and its container must be disposed of in a safe way, and as per local legislation.

#### 6.3. Reference to other sections

See Sections 8 and 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Precautions for safe handling:** Keep away from sources of ignition - No smoking. Do not handle until all safety precautions have been read and understood. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

#### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Keep the container tightly closed. Store in a dry, cool and well-ventilated place. Keep away from ignition sources.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

<table>
<thead>
<tr>
<th>Proprietary Ingredient 1</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Remark (ACGIH)</td>
<td>OELs not established</td>
</tr>
<tr>
<td>Remark (OSHA)</td>
<td>OELs not established</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Naphtha, petroleum, hydrotreated heavy (64742-48-9)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Remark (ACGIH)</td>
<td>OELs not established</td>
</tr>
<tr>
<td>Remark (OSHA)</td>
<td>OELs not established</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Proprietary Ingredient 2</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH TWA (ppm)</td>
<td>50</td>
</tr>
<tr>
<td>ACGIH STEL (ppm)</td>
<td>100</td>
</tr>
<tr>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>525</td>
</tr>
<tr>
<td>OSHA PEL (TWA) (ppm)</td>
<td>100</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tetrachloroethylene (127-18-4)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH TWA (ppm)</td>
<td>25</td>
</tr>
<tr>
<td>ACGIH STEL (ppm)</td>
<td>100</td>
</tr>
<tr>
<td>Remark (ACGIH)</td>
<td>Threshold Limit Values (TLV) Basis - CNS impairment</td>
</tr>
<tr>
<td>OSHA PEL (TWA) (ppm)</td>
<td>100</td>
</tr>
<tr>
<td>OSHA PEL (Ceiling) (ppm)</td>
<td>200</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.


Hand protection: Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl. Suitable gloves for this specific application can be recommended by the glove supplier.

Eye protection: Wear eye protection, including chemical splash goggles and a face shield when possibility exists for eye contact due to spraying liquid or airborne particles.

Skin and body protection: Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.

Respiratory protection: Wear a NIOSH-approved (or equivalent) full-facepiece airline respirator in the positive pressure mode with emergency escape provisions. In case of inadequate ventilation or risk of inhalation of vapors, use suitable respiratory equipment with gas filter (type A2). Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid
Color: Clear. Colorless.
Odor: Sweet.
Odor Threshold: No data available
pH: No data available
Relative evaporation rate (butylacetate=1): 0.1
Melting point: No data available
Freezing point: No data available
Boiling point: 121.1 °C (250 °F)
Flash point: No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Flammability (solid, gas): No data available
Vapour pressure: 13 mm Hg (20 °C)
Relative vapour density at 20 °C: 6.2
Relative density: 1.34
Density: 1342 g/l (11.2 lbs/gal)
Solubility: Water: 0.015 gm/100 gm at 25 °C
Log Pow: No data available
Log Kow: No data available
Viscosity, kinematic: No data available
Viscosity, dynamic: No data available
Explosive properties: No data available
Oxidising properties: No data available
Explosive limits: No data 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
Ignition sources. Open flame. Elevated temperatures.

10.5. Incompatible materials
Strong oxidizing agents.

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

<table>
<thead>
<tr>
<th>Proprietary Ingredient 1</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>930 mg/kg</td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
<td>0.2 mg/kg</td>
</tr>
<tr>
<td>LC50 inhalation rat (mg/l)</td>
<td>20 mg/l/4h</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Naphtha, petroleum, hydrotreated heavy (64742-48-9)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Proprietary Ingredient 2</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>&gt; 1600 mg/kg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tetrachloroethylene (127-18-4)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>2629 mg/kg</td>
</tr>
<tr>
<td>LD50 dermal rat</td>
<td>2800 mg/kg</td>
</tr>
<tr>
<td>LC50 inhalation rat (mg/l)</td>
<td>27.8 mg/l/4h</td>
</tr>
</tbody>
</table>

Additional information
ACGIH Biological Exposure Indices (BEI): 3 ppm (Medium) in end-exhaled air [Time: prior to shift Parameter]; 0.5 mg/L (Medium) in blood [Time: prior to shift Parameter]

Skin corrosion/irritation : Causes skin irritation.
Serious eye damage/irritation : Not classified
Respiratory or skin sensitisation : May cause an allergic skin reaction.
Germ cell mutagenicity : Not classified.
Carcinogenicity : Suspected of causing cancer.

<table>
<thead>
<tr>
<th>Tetrachloroethylene (127-18-4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IARC group</td>
</tr>
<tr>
<td>2A - Probably carcinogenic to humans</td>
</tr>
</tbody>
</table>

| National Toxicology Program (NTP) Status       |
| 3 - Reasonably anticipated to be Human Carcinogen |

Reproductive toxicity : Not classified
Specific target organ toxicity (single exposure) : May cause drowsiness or dizziness.
Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : May be fatal if swallowed and enters airways.
Symptoms/injuries after inhalation : May cause respiratory irritation. May be fatal if swallowed and enters airways.
Symptoms/injuries after skin contact : Causes skin irritation. 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. May cause gastrointestinal irritation.
Chronic symptoms : Suspected of causing cancer. Skin sensitization.

SECTION 12: Ecological information

12.1. Toxicity
Ecology - general : Toxic to aquatic life with long lasting effects.
12.2. Persistence and degradability

**Professional® Water Sealant <120 VOC Low Solids**

Persistence and degradability: No information available.

12.3. Bioaccumulative potential

**Professional® Water Sealant <120 VOC Low Solids**

Bioaccumulative potential: No information available.

12.4. Mobility in soil

**Professional® Water Sealant <120 VOC Low Solids**

Ecology - soil: No information available.

12.5. Other adverse effects

Other adverse effects: No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods: Obtain the consent of pollution control authorities before discharging to wastewater treatment plants.

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.

Additional Information: Applicable RCRA Hazardous Waste Codes: D039, F002, U210 Tetrachloroethylene; D001 Naphtha.

SECTION 14: Transport information

In accordance with DOT

Transport document description: UN1897 Tetrachloroethylene, 6.1, III

UN-No.(DOT): 1897

DOT NA no.: UN1897

Proper Shipping Name (DOT): Tetrachloroethylene


Hazard labels (DOT): 6.1 - Poison inhalation hazard

Packing group (DOT): III - Minor Danger

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27): 60 L

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75): 220 L

DOT Vessel Stowage Location: A - The material may be stowed “on deck” or “under deck” on a cargo vessel and on a passenger vessel.

DOT Vessel Stowage Other: 40 - Stow “clear of living quarters”

Transport by sea

Not intended for transport by sea.

Air transport

Not intended for transport by air.

Additional information

Other information: No supplementary information available.

SECTION 15: Regulatory information

15.1. US Federal regulations

**Professional® Water Sealant <120 VOC Low Solids**

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

SARA Section 311/312 Hazard Classes

- Fire hazard
- Immediate (acute) health hazard
- Delayed (chronic) health hazard

02/20/2015
### 15.2. International regulations

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>U.S. - California - 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>Tetrachloroethylene (127-18-4)</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>NA</td>
</tr>
<tr>
<td>Silicon (7631-86-9)</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>NA</td>
</tr>
</tbody>
</table>

**NFPA health hazard**: 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

**NFPA fire hazard**: 2 - Must be moderately heated or exposed to relatively high temperature before ignition can occur.

**NFPA reactivity**: 1 - Normally stable, but can become unstable at elevated temperatures and pressures or may react with water with some release of energy, but not violently.

---

02/20/2015  Professional® Water Sealant <120 VOC Low Solids  7/8
Professional® Water Sealant <120 VOC Low Solids
Safety Data Sheet
Prepared according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

HMIS III Rating

<table>
<thead>
<tr>
<th>Category</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>2*</td>
</tr>
<tr>
<td>Flammability</td>
<td>2</td>
</tr>
<tr>
<td>Physical</td>
<td>1</td>
</tr>
<tr>
<td>Personal Protection</td>
<td></td>
</tr>
</tbody>
</table>