1. Identification

Product Name: PRO 1-GL 2PK SAFETY ORANGE  
Revision Date: 10/30/2017

Product Identifier: 7555402  
Supercedes Date: 9/26/2016

Product Use/Class: Topcoat/Alkyd

Supplier: Rust-Oleum Corporation  
11 Hawthorn Parkway  
Vernon Hills, IL 60061  
USA

Preparer: Regulatory Department

Emergency Telephone: 24 Hour Hotline: 847-367-7700

2. Hazard Identification

Classification

Symbol(s) of Product

Signal Word
Danger

Possible Hazards
3% of the mixture consists of ingredient(s) of unknown acute toxicity.

GHS HAZARD STATEMENTS
Flammable Liquid, category 3  
H226  Flammable liquid and vapour.

Germ Cell Mutagenicity, category 1B  
H340  May cause genetic defects.

Carcinogenicity, category 1B  
H350  May cause cancer.

STOT, repeated exposure, category 1  
H372  Causes damage to organs through prolonged or repeated exposure.

Skin Sensitizer, category 1  
H317  May cause an allergic skin reaction.

GHS LABEL PRECAUTIONARY STATEMENTS
P210  Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233  Keep container tightly closed.

P280  Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353  IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P370+P378  In case of fire: Use alcohol film forming foam, carbon dioxide, dry chemical, dry sand to extinguish.

P403+P235  Store in a well-ventilated place. Keep cool.

P501  Dispose of contents/container in accordance with local, regional and national regulations.

P201  Obtain special instructions before use.

P308+P313  IF exposed or concerned: Get medical advice/attention.

P314  Get medical advice/attention if you feel unwell.

P272  Contaminated work clothing should not be allowed out of the workplace.

P302+P352  IF ON SKIN: Wash with plenty of soap and water.

P333+P313  If skin irritation or rash occurs: Get medical advice/attention.

P321  For specific treatment see label

**GHS SDS PRECAUTIONARY STATEMENTS**

P240  Ground/bond container and receiving equipment.

P241  Use explosion-proof electrical/ventilating/lighting/equipment.

P242  Use only non-sparking tools.

P243  Take precautionary measures against static discharge.

P270  Do not eat, drink or smoke when using this product.

P363  Wash contaminated clothing before reuse.
3. Composition / Information On Ingredients

<table>
<thead>
<tr>
<th>HAZARDOUS SUBSTANCES</th>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Wt.% Range</th>
<th>GHS Symbols</th>
<th>GHS Statements</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Hydrotreated Light Distillate</td>
<td>64742-47-8</td>
<td>25-50</td>
<td>GHS08</td>
<td>H304</td>
</tr>
<tr>
<td></td>
<td>Mineral Spirits</td>
<td>64742-88-7</td>
<td>10-25</td>
<td>GHS08</td>
<td>H304-372</td>
</tr>
<tr>
<td></td>
<td>Pigment Orange 5</td>
<td>3468-63-1</td>
<td>2.5-10</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td></td>
<td>Solvent Naphtha, Light Aromatic</td>
<td>64742-95-6</td>
<td>0.1-1.0</td>
<td>GHS07-GHS08</td>
<td>H304-332-340-350</td>
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<tr>
<td></td>
<td>Titanium Dioxide</td>
<td>13463-67-7</td>
<td>0.1-1.0</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td></td>
<td>Methyl Ethyl Ketoxime</td>
<td>96-29-7</td>
<td>0.1-1.0</td>
<td>GHS05-GHS06</td>
<td>H302-312-317-318-331</td>
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<tr>
<td></td>
<td>Naphtha, Hydrotreated Heavy</td>
<td>64742-48-9</td>
<td>0.1-1.0</td>
<td>GHS08</td>
<td>H304-340-350</td>
</tr>
</tbody>
</table>

4. First-Aid Measures

**FIRST AID - EYE CONTACT:** Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

**FIRST AID - SKIN CONTACT:** Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

**FIRST AID - INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

**FIRST AID - INGESTION:** Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Get immediate medical attention. If swallowed, get medical attention.

5. Fire-Fighting Measures

**EXTINGUISHING MEDIA:** Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Water Fog

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Keep containers tightly closed. No unusual fire or explosion hazards noted. Closed containers may explode when exposed to extreme heat due to buildup of steam. Combustible liquid and vapor.

**SPECIAL FIREFIGHTING PROCEDURES:** Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion. Evacuate area and fight fire from a safe distance. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

6. Accidental Release Measures

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers. Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools.

7. Handling and Storage

**HANDLING:** Wash thoroughly after handling. Wash hands before eating. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Avoid contact with eyes, skin and clothing.

**STORAGE:** Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Keep away from heat, sparks, flame and sources of ignition. Keep container closed when not in use. Store in a dry, well ventilated place. Keep container tightly closed when not in use. Avoid excess heat.
### 8. Exposure Controls / Personal Protection

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Weight % Less Than</th>
<th>ACGIH TLV-TWA</th>
<th>ACGIH TLV- STEL</th>
<th>OSHA PEL-TWA</th>
<th>OSHA PEL-CEILING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrotreated Light Distillate</td>
<td>64742-47-8</td>
<td>35.0</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
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<tr>
<td>Mineral Spirits</td>
<td>64742-88-7</td>
<td>15.0</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
<tr>
<td>Pigment Orange 5</td>
<td>3468-83-1</td>
<td>5.0</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
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<tr>
<td>Solvent Naphtha, Light Aromatic</td>
<td>64742-95-6</td>
<td>1.0</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
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<tr>
<td>Titanium Dioxide</td>
<td>13463-67-7</td>
<td>1.0</td>
<td>10 mg/m3</td>
<td>N.E.</td>
<td>15 mg/m3</td>
<td>N.E.</td>
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<tr>
<td>Methyl Ethyl Ketoxime</td>
<td>96-29-7</td>
<td>1.0</td>
<td>10 ppm</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
<tr>
<td>Naphtha, Hydrotreated Heavy</td>
<td>64742-48-9</td>
<td>1.0</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
</tbody>
</table>

**PERSONAL PROTECTION**

**ENGINEERING CONTROLS:** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

**RESPIRATORY PROTECTION:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator’s use. A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or in any other circumstances where air purifying respirators may not provide adequate protection.

**SKIN PROTECTION:** Use impervious gloves to prevent skin contact and absorption of this material through the skin. Nitrile or Neoprene gloves may afford adequate skin protection. Use gloves to prevent prolonged skin contact.

**EYE PROTECTION:** Use safety eyewear designed to protect against splash of liquids.

**OTHER PROTECTIVE EQUIPMENT:** Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application. Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

**HYGIENIC PRACTICES:** Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

### 9. Physical and Chemical Properties

- **Appearance:** Liquid
- **Odor:** Solvent Like
- **Relative Density:** 0.934
- **Freeze Point, °C:** N.D.
- **Solubility in Water:** Negligible
- **Decomposition Temp., °C:** N.D.
- **Boiling Range, °C:** 100 - 537
- **Flammability:** Supports Combustion
- **Evaporation Rate:** Slower than Ether
- **Vapor Density:** Heavier than Air

**Physical State:** Liquid
**Odor Threshold:** N.E.
**pH:** N.A.
**Viscosity:** N.D.
**Partition Coefficient, n-octanol/water:** N.D.
**Explosive Limits, vol%:** 1.0 - 7.0
**Flash Point, °C:** 41
**Auto-ignition Temp., °C:** N.D.
**Vapor Pressure:** N.D.

(See "Other information" Section for abbreviation legend)

### 10. Stability and Reactivity

**CONDITIONS TO AVOID:** Avoid all possible sources of ignition.

**INCOMPATIBILITY:** Incompatible with strong oxidizing agents, strong acids and strong alkalis.

**HAZARDOUS DECOMPOSITION:** By open flame, carbon monoxide and carbon dioxide. When heated to decomposition, it emits acrid smoke and irritating fumes. Contains solvents which may form carbon monoxide, carbon dioxide, and formaldehyde.

**HAZARDOUS POLYMERIZATION:** Will not occur under normal conditions.

**STABILITY:** This product is stable under normal storage conditions.
11. Toxicological Information

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Causes eye irritation. Substance causes moderate eye irritation.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: May cause skin irritation. Substance may cause slight skin irritation.

EFFECTS OF OVEREXPOSURE - INHALATION: Harmful if inhaled. May cause headaches and dizziness. High vapor concentrations are irritating to the eyes, nose, throat and lungs. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. Prolonged or excessive inhalation may cause respiratory tract irritation.

EFFECTS OF OVEREXPOSURE - INGESTION: Aspiration hazard if swallowed; can enter lungs and cause damage. Irritating to the nose, throat and respiratory tract. Harmful if swallowed.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Contains Titanium Dioxide. Titanium Dioxide is listed as a Group 2B- "Possibly carcinogenic to humans" by IARC. No significant exposure to Titanium Dioxide is thought to occur during the use of products in which Titanium Dioxide is bound to other materials, such as in paints during brush application or drying. Risk of overexposure depends on duration and level of exposure to dust from repeated sanding of surfaces or spray mist and the actual concentration of Titanium Dioxide in the formula. (Ref: IARC Monograph, Vol. 93, 2010) Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Inhalation, Skin Absorption, Skin Contact

ACUTE TOXICITY VALUES
The acute effects of this product have not been tested. Data on individual components are tabulated below:

<table>
<thead>
<tr>
<th>CAS-No.</th>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Vapor LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-47-8</td>
<td>Hydrotreated Light Distillate</td>
<td>&gt;5000 mg/kg Rat</td>
<td>&gt;2000 mg/kg Rabbit</td>
<td>&gt;5000 mg/L Rat</td>
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<tr>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td>&gt;19748 mg/kg Rat</td>
<td>&gt;3000 mg/kg Rabbit</td>
<td>4951 mg/L Rat</td>
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<tr>
<td>64742-95-6</td>
<td>Solvent Naphtha, Light Aromatic</td>
<td>8400 mg/kg Rat</td>
<td>&gt;2000 mg/kg Rabbit</td>
<td>N.I.</td>
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<td>13463-67-7</td>
<td>Titanium Dioxide</td>
<td>&gt;10000 mg/kg Rat</td>
<td>2500 mg/kg</td>
<td>N.I.</td>
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<tr>
<td>96-29-7</td>
<td>Methyl Ethyl Ketoxime</td>
<td>930 mg/kg Rat</td>
<td>1100 mg/kg Rabbit</td>
<td>&gt;4.8 mg/L Rat</td>
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<tr>
<td>64742-48-9</td>
<td>Naphtha, Hydrotreated Heavy</td>
<td>&gt;6000 mg/kg Rat</td>
<td>&gt;3160 mg/kg Rabbit</td>
<td>N.I.</td>
</tr>
</tbody>
</table>

N.I. - No Information

12. Ecological Information

ECOLOGICAL INFORMATION: Product is a mixture of listed components. Product is a mixture of listed components.

13. Disposal Information

DISPOSAL INFORMATION: Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not allow to enter waterways, wastewater, soil, storm drains or sewer systems.

14. Transport Information

UN Number: N.A. 1263 1263 N.A.

Proper Shipping Name: Not Regulated Paint Paint Not Regulated

Hazard Class: N.A. 3 3 N.A.

Packing Group: N.A. III III N.A.

Limited Quantity: No Yes Yes No

15. Regulatory Information
U.S. Federal Regulations:

**CERCLA - SARA Hazard Category**
This product has been reviewed according to the EPA ‘Hazard Categories’ promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

No Information

**Sara Section 313:**
This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

**Toxic Substances Control Act:**
This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

No TSCA 12(b) components exist in this product.

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### 16. Other Information

#### HMIS RATINGS

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Physical Hazard</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>2*</td>
<td>3</td>
<td>0</td>
<td>X</td>
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#### NFPA RATINGS

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

**VOLATILE ORGANIC COMPOUNDS, g/L:**

444

**SDS REVISION DATE:**

10/30/2017

**REASON FOR REVISION:**

Product Composition Changed
Substance and/or Product Properties Changed in Section(s):
15 - Regulatory Information
16 - Other Information
Statement(s) Changed

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

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