1. Identification

Product Name: ROHPER 1-GL 2PK HIGH HEAT HP BLACK
Revision Date: 9/5/2018

Product Identifier: 286512
Supersedes Date: 8/8/2018

Recommended Use: High Temperature Paint/Solventborne

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

Rust-Oleum Canada (ROCA)
200 Confederation Parkway
Concord, ON  L4K 4T8
Canada

Emergency Phone: 800-387-3625

Manufacturer: 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

\[\text{\includegraphics[width=0.3\textwidth]{Hazards.png}}\]

Signal Word
Warning

Possible Hazards
23% of the mixture consists of ingredient(s) of unknown acute toxicity.

GHS HAZARD STATEMENTS

<table>
<thead>
<tr>
<th>Classification</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable Liquid, category 3</td>
<td>H226</td>
<td>Flammable liquid and vapour.</td>
</tr>
<tr>
<td>Carcinogenicity, category 2</td>
<td>H351</td>
<td>Suspected of causing cancer.</td>
</tr>
<tr>
<td>Reproductive Toxicity, category 2</td>
<td>H361</td>
<td>Suspected of damaging fertility or the unborn child.</td>
</tr>
<tr>
<td>STOT, single exposure, category 3, RTI</td>
<td>H335</td>
<td>May cause respiratory irritation.</td>
</tr>
<tr>
<td>STOT, repeated exposure, category 2</td>
<td>H373</td>
<td>May cause damage to organs through prolonged or repeated exposure.</td>
</tr>
</tbody>
</table>
Acute Toxicity, Inhalation, category 4  H332  Harmful if inhaled.

Skin Irritation, category 2  H315  Causes skin irritation.

Eye Irritation, category 2  H319  Causes serious eye irritation.

**GHS LABEL PRECAUTIONARY STATEMENTS**

P210  Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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.

P405  Store locked up.

P271  Use only outdoors or in a well-ventilated area.

P304+P340  IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312  Call a POISON CENTER or doctor/physician if you feel unwell.

P403+P233  Store in a well-ventilated place. Keep container tightly closed.

P260  Do not breathe dust/fume/gas/mist/vapors/spray.

P264  Wash hands thoroughly after handling.

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

P321  For specific treatment see label

P332+P313  If skin irritation occurs: Get medical advice/attention.

P362+P364  Take off contaminated clothing and wash it before reuse.
P305+P351+P338  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313  If eye irritation persists: Get medical advice/attention.

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.

3. Composition / Information On Ingredients

HAZARDOUS SUBSTANCES

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Wt.%</th>
<th>GHS Symbols</th>
<th>GHS Statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pigment</td>
<td>68186-94-7</td>
<td>23</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>1-Chloro-4-(Trifluoromethyl)Benzene</td>
<td>98-56-6</td>
<td>22</td>
<td>GHS07</td>
<td>H315-319-332-335</td>
</tr>
<tr>
<td>Xylenes (o-, m-, p- isomers)</td>
<td>1330-20-7</td>
<td>19</td>
<td>GHS02-GHS07</td>
<td>H226-315-319-332</td>
</tr>
<tr>
<td>Mica</td>
<td>12001-26-2</td>
<td>4.1</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>100-41-4</td>
<td>3.2</td>
<td>GHS02-GHS07-GHS08</td>
<td>H225-304-332-351-373</td>
</tr>
<tr>
<td>Toluene</td>
<td>108-88-3</td>
<td>1.4</td>
<td>GHS02-GHS07-GHS08</td>
<td>H225-304-315-332-336-361-373</td>
</tr>
<tr>
<td>Crystalline Silica / Quartz</td>
<td>14808-60-7</td>
<td>0.2</td>
<td>Not Available</td>
<td>Not Available</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: If swallowed, get medical attention.

5. Fire-Fighting Measures

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

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

SPECIAL FIREFIGHTING PROCEDURES: 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:** 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. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all SDS and label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

**STORAGE:** Store in a dry, well ventilated place. Keep container tightly closed when not in use. Keep containers tightly closed.

Advice on Safe Handling of Combustible Dust: No Information

8. Exposure Controls / Personal Protection

**Chemical Name** | **CAS-No.** | **Weight % Less Than** | **ACGIH TLV-TWA** | **ACGIH TLV-STEL** | **OSHA PEL-TWA** | **OSHA PEL-CEILING**
--- | --- | --- | --- | --- | --- | ---
Pigment | 68186-94-7 | 25.0 | N.E. | N.E. | N.E. | N.E.
T-Chloro-4-(Trifluoromethyl) Benzene | 98-56-6 | 25.0 | N.E. | N.E. | N.E. | N.E.
Xylenes (o-, m-, p-isomers) | 1330-20-7 | 20.0 | 100 ppm | 150 ppm | 100 ppm | N.E.
Mica | 12001-26-2 | 5.0 | 3 mg/m3 | N.E. | N.E. | N.E.
Ethylbenzene | 100-41-4 | 5.0 | 20 ppm | N.E. | 100 ppm | N.E.
Toluene | 108-88-3 | 5.0 | 20 ppm | N.E. | 200 ppm | 300 ppm
Crystalline Silica / Quartz | 14808-60-7 | 1.0 | 0.025 mg/m3 | N.E. | 50 µg/m3 | N.E.

**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.

**SKIN PROTECTION:** Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

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

**OTHER PROTECTIVE EQUIPMENT:** 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.

Engineering Measures for Combustible Dust: No Information

9. Physical and Chemical Properties

**Appearance:** Liquid

**Odor:** Solvent Like

**Relative Density:** 1.413

**Freeze Point, °C:** N.D.

**Solubility in Water:** Negligible

**Decomposition Temp., °C:** N.D.

**Boiling Range, °C:** 135 - 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%:** 0.9 - 10.5

**Flash Point, °C:** 38

**Auto-ignition Temp., °C:** N.D.

**Vapor Pressure:** N.D.

(See "Other information" Section for abbreviation legend)
10. Stability and Reactivity

CONDITIONS TO AVOID: No Information

INCOMPATIBILITY: Incompatible with strong oxidizing agents, strong acids and strong alkalies.

HAZARDOUS DECOMPOSITION: 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: Substance causes moderate eye irritation.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: May be absorbed through the skin in harmful amounts. Substance may cause slight skin irritation.

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

EFFECTS OF OVEREXPOSURE - INGESTION: Irritating to the nose, throat and respiratory tract. Harmful if swallowed.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Overexposure to xylene in laboratory animals has been associated with liver abnormalities, kidney, lung, spleen, eye and blood damage as well as reproductive disorders. Effects in humans, due to chronic overexposure, have included liver, cardiac abnormalities and nervous system damage. IARC lists Ethylbenzene as a possible human carcinogen (group 2B). Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, 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 (mg/kg)</th>
<th>Dermal LD50 (mg/kg)</th>
<th>Vapor LC50 (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>98-56-6</td>
<td>1-Chloro-4-(Trifluoromethyl)Benzene</td>
<td>13000 Rat</td>
<td>&gt;2684 Rabbit</td>
<td>N.E.</td>
</tr>
<tr>
<td>1330-20-7</td>
<td>Xylenes (o-, m-, p- isomers)</td>
<td>3500 Rat</td>
<td>&gt;4350 Rabbit</td>
<td>29.08 mg/L Rat</td>
</tr>
<tr>
<td>100-41-4</td>
<td>Ethylbenzene</td>
<td>3500 Rat</td>
<td>15400 Rabbit</td>
<td>17.4 mg/L Rat</td>
</tr>
<tr>
<td>108-88-3</td>
<td>Toluene</td>
<td>2600 Rat</td>
<td>12000 Rabbit</td>
<td>12.5 mg/L Rat</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Crystalline Silica / Quartz</td>
<td>5500 Rat</td>
<td>5500</td>
<td>100 mg/L</td>
</tr>
</tbody>
</table>

N.E. - Not Established

12. Ecological Information

ECOLOGICAL INFORMATION: Product is a mixture of listed components.

13. Disposal Information

DISPOSAL INFORMATION: Do not incinerate closed containers. 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

<table>
<thead>
<tr>
<th>Domestic (USDOT)</th>
<th>International (IMDG)</th>
<th>Air (IATA)</th>
<th>TDG (Canada)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN Number:</td>
<td>N.A.</td>
<td>1263</td>
<td>1263</td>
</tr>
</tbody>
</table>

Proper Shipping Name: 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:

Flammable (gases, aerosols, liquids, or solids), Carcinogenicity, Acute Toxicity (any route of exposure), Reproductive toxicity, Skin Corrosion or Irritation, Serious eye damage or eye irritation, Specific target organ toxicity (single or repeated exposure)

**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:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pigment</td>
<td>68186-94-7</td>
</tr>
<tr>
<td>Xylenes (o-, m-, p- isomers)</td>
<td>1330-20-7</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>100-41-4</td>
</tr>
<tr>
<td>Toluene</td>
<td>108-88-3</td>
</tr>
</tbody>
</table>

**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:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Chloro-4-(Trifluoromethyl)Benzene</td>
<td>98-56-6</td>
</tr>
</tbody>
</table>

U.S. State Regulations:

**California Proposition 65:**

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

16. Other Information

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

<table>
<thead>
<tr>
<th>NFPA RATINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health: 2</td>
</tr>
<tr>
<td>Flammability: 3</td>
</tr>
<tr>
<td>Instability: 0</td>
</tr>
</tbody>
</table>

Volatile Organic Compounds: 403 g/L

SDS REVISION DATE: 9/5/2018

REASON FOR REVISION:

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

The manufacturer believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. The manufacturer makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users’ consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.