1. Identification

Product Name: ROHPER 1-GL 2PK HIGH HEAT HD BLACK

Revision Date: 9/5/2018

Product Identifier: 286509

Supercedes 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

Signal Word
Danger

Possible Hazards
46% of the mixture consists of ingredient(s) of unknown acute toxicity.

GHS HAZARD STATEMENTS

<table>
<thead>
<tr>
<th>Flammable Liquid, category 3</th>
<th>H226</th>
<th>Flammable liquid and vapour.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carcinogenicity, category 2</td>
<td>H351</td>
<td>Suspected of causing cancer.</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 1</td>
<td>H372</td>
<td>Causes damage to organs through prolonged or repeated exposure.</td>
</tr>
<tr>
<td>Acute Toxicity, Inhalation, category 4</td>
<td>H332</td>
<td>Harmful if inhaled.</td>
</tr>
</tbody>
</table>
Skin Irritation, category 2  H315  Causes skin irritation.
Eye Irritation, category 2  H319  Causes serious eye irritation.
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.
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
P322+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.

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

P333+P313 If skin irritation or rash occurs: 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.

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.%</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></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></td>
<td>GHS07</td>
<td>H315-319-332-335</td>
</tr>
<tr>
<td>Mineral Spirits</td>
<td>64742-88-7</td>
<td>14</td>
<td></td>
<td>GHS08</td>
<td>H304-372</td>
</tr>
<tr>
<td>Hydrotreated Light Distillate</td>
<td>64742-47-8</td>
<td>9.0</td>
<td></td>
<td>GHS08</td>
<td>H304</td>
</tr>
<tr>
<td>Mica</td>
<td>12001-26-2</td>
<td>4.0</td>
<td></td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>100-41-4</td>
<td>0.3</td>
<td></td>
<td>GHS02-GHS07-GHS08</td>
<td>H225-304-332-351-373</td>
</tr>
<tr>
<td>Crystalline Silica / Quartz</td>
<td>14808-60-7</td>
<td>0.2</td>
<td></td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>Methyl ethyl ketoxime</td>
<td>96-29-7</td>
<td>0.2</td>
<td></td>
<td>GHS05-GHS06-GHS08</td>
<td>H302-312-317-318-331-351</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.

Special Fire and Explosion Hazard (Combustible Dust): No Information

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.


Advice on Safe Handling of Combustible Dust: No Information

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>Pigment</td>
<td>68186-94-7</td>
<td>25.0</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
<tr>
<td>1-Chloro-4-(Trifluoromethyl) Benzene</td>
<td>98-56-6</td>
<td>25.0</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
<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>Hydrotreated Light Distillate</td>
<td>64742-47-8</td>
<td>10.0</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
<tr>
<td>Mica</td>
<td>12001-26-2</td>
<td>5.0</td>
<td>3 mg/m3</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>100-41-4</td>
<td>1.0</td>
<td>20 ppm</td>
<td>N.E.</td>
<td>100 ppm</td>
<td>N.E.</td>
</tr>
<tr>
<td>Crystalline Silica / Quartz</td>
<td>14808-60-7</td>
<td>1.0</td>
<td>0.025 mg/m3</td>
<td>N.E.</td>
<td>50 µg/m3</td>
<td>N.E.</td>
</tr>
<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>
</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.

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: 1.293  
Freeze Point, °C: N.D.  
Solubility in Water: Negligible  
Decomposition Temp., °C: N.D.  
Boiling Range, °C: 136 - 213  
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: 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: 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: 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: 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</th>
<th>Dermal LD50</th>
<th>Vapor LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>98-55-6</td>
<td>1-Chloro-4-(Trifluoromethyl)Benzene</td>
<td>13000 mg/kg Rat</td>
<td>&gt;2684 mg/kg Rabbit</td>
<td>N.E.</td>
</tr>
<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>
</tr>
<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>
</tr>
<tr>
<td>100-41-4</td>
<td>Ethylbenzene</td>
<td>3500 mg/kg Rat</td>
<td>15400 mg/kg Rabbit</td>
<td>17.4 mg/L Rat</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Crystalline Silica / Quartz</td>
<td>5500 mg/kg Rat</td>
<td>5500</td>
<td>100 mg/L</td>
</tr>
<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>
</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></th>
<th>Domestic (USDOT)</th>
<th>International (IMDG)</th>
<th>Air (IATA)</th>
<th>TDG (Canada)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UN Number:</strong></td>
<td>N.A.</td>
<td>1263</td>
<td>1263</td>
<td>N.A.</td>
</tr>
<tr>
<td><strong>Proper Shipping Name:</strong></td>
<td>Not Regulated</td>
<td>Paint</td>
<td>Paint</td>
<td>Not Regulated</td>
</tr>
<tr>
<td><strong>Hazard Class:</strong></td>
<td>N.A.</td>
<td>3</td>
<td>3</td>
<td>N.A.</td>
</tr>
<tr>
<td><strong>Packing Group:</strong></td>
<td>N.A.</td>
<td>III</td>
<td>III</td>
<td>N.A.</td>
</tr>
<tr>
<td><strong>Limited Quantity:</strong></td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

## 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), Skin Corrosion or Irritation, Respiratory or Skin Sensitization, 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>Ethylbenzene</td>
<td>100-41-4</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](http://www.P65Warnings.ca.gov).
### 16. Other Information

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

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

Volatile Organic Compounds 404 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.