1. Identification

Product Name: TRMCLD 2X3.78LT RED OXIDE PRIMER
Product Identifier: 274102155
Recommended Use: Primer/Alkyd
Supplier: Rust-Oleum Canada (ROCA)
200 Confederation Parkway
Concord, ON L4K 4T8
Canada
Preparer: Regulatory Department
Emergency Telephone: 24 Hour Hotline: 847-367-7700

2. Hazards Identification

Classification
Symbol(s) of Product

\[\begin{align*}
&\text{P201} & \text{Obtain special instructions before use.} \\
&\text{P210} & \text{Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. NO SMOKING.} \\
&\text{P233} & \text{Keep container tightly closed.} \\
&\text{P261} & \text{Avoid breathing dust/fume/gas/mist/vapors/spray.} \\
&\text{P272} & \text{Contaminated work clothing should not be allowed out of the workplace.} \\
&\text{P280} & \text{Wear protective gloves/protective clothing/eye protection/face protection.} \\
&\text{P321} & \text{For specific treatment see label.} \\
&\text{P405} & \text{Store locked up.} \\
&\text{P501} & \text{Dispose of contents/container in accordance with local, regional and national regulations.} \\
&\text{P302+P352} & \text{IF ON SKIN: Wash with plenty of soap and water.}
\end{align*}\]

GHS HAZARD STATEMENTS
Flammable Liquid, category 3
Skin Sensitizer, category 1
Carcinogenicity, category 2

H226 Flammable liquid and vapor.
H317 May cause an allergic skin reaction.
H351 Suspected of causing cancer.

Possible Hazards
29% of the mixture consists of ingredient(s) of unknown acute toxicity.

GHS LABEL PRECAUTIONARY STATEMENTS
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
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.

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.
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>Hydrotreated Light Distillate</td>
<td>64742-47-8</td>
<td>25-50</td>
<td>GHS08</td>
<td>H304</td>
<td></td>
</tr>
<tr>
<td>Pigment Red 101</td>
<td>1309-37-1</td>
<td>10-25</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>Hydrous Magnesium Silicate</td>
<td>14807-96-6</td>
<td>2.5-10</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>Zinc Phosphate</td>
<td>7779-90-0</td>
<td>2.5-10</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>Crystalline Silica / Quartz</td>
<td>14808-60-7</td>
<td>1.0-2.5</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>Zinc Oxide</td>
<td>1314-13-2</td>
<td>0.1-1.0</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>Methyl Ethyl Ketoxime</td>
<td>96-29-7</td>
<td>0.1-1.0</td>
<td>GHS05-GHS06-GHS07-GHS08</td>
<td>H302-312-315-317-318-331-336-370-373</td>
<td></td>
</tr>
<tr>
<td>Xylenes (α-, m-, p- Isomers)</td>
<td>1330-20-7</td>
<td>0.1-1.0</td>
<td>GHS02-GHS07</td>
<td>H226-315-319-332</td>
<td></td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>100-41-4</td>
<td>0.1-1.0</td>
<td>GHS02-GHS07-GHS08</td>
<td>H225-304-332-351-373</td>
<td></td>
</tr>
<tr>
<td>Zirconium Acetate</td>
<td>5153-24-2</td>
<td>&lt;0.1</td>
<td>Not Available</td>
<td>Not Available</td>
<td></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, Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may explode when exposed to extreme heat due to buildup of steam. Keep containers tightly closed. Combustible liquid and vapor. No unusual fire or explosion hazards noted.
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: Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers.

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: Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Avoid excess heat. Store in a dry, well ventilated place. Keep container tightly closed when not in use.

Advice on Safe Handling of Combustible Dust: No Information

8. Exposure Controls / Personal Protection

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Weight % Less Than</th>
<th>ACGIH TLV-TWA</th>
<th>ACGIH TLV-STEI</th>
<th>OSHA PEL-TWA</th>
<th>OSHA PEL-CEILING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrocracked Light Distillate</td>
<td>64742-47-8</td>
<td>30.0</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
<tr>
<td>Pigment Red 101</td>
<td>1309-37-1</td>
<td>20.0</td>
<td>5 mg/m3</td>
<td>N.E.</td>
<td>10 mg/m3</td>
<td>N.E.</td>
</tr>
<tr>
<td>Hydrous Magnesium Silicate</td>
<td>14807-96-6</td>
<td>10.0</td>
<td>2 mg/m3</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
<tr>
<td>Zinc Phosphate</td>
<td>7779-90-0</td>
<td>5.0</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
<tr>
<td>Crystalline Silica / Quartz</td>
<td>14808-60-7</td>
<td>5.0</td>
<td>0.025 mg/m3</td>
<td>N.E.</td>
<td>50 µg/m3</td>
<td>N.E.</td>
</tr>
<tr>
<td>Zinc Oxide</td>
<td>1314-13-2</td>
<td>1.0</td>
<td>2 mg/m3</td>
<td>10 mg/m3</td>
<td>5 mg/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>
<tr>
<td>Xylenes (o-, m-, p- Isomers)</td>
<td>1330-20-7</td>
<td>1.0</td>
<td>20 ppm</td>
<td>N.E.</td>
<td>100 ppm</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>Zirconium Acetate</td>
<td>5153-24-2</td>
<td>0.1</td>
<td>5 mg/m3</td>
<td>10 mg/m3</td>
<td>5 mg/m3</td>
<td>N.E.</td>
</tr>
</tbody>
</table>

Appearance: Liquid
Odor: Solvent Like
Specific Gravity: 1.425
Freeze Point, °C: N.D.
Solubility in Water: Slight
Decomposition Temp., °C: N.D.
Boiling Range, °C: 136 - 537
Flammability: Supports Combustion
Evaporation Rate: Slower than Ether
Vapor Density: Heavier than Ether

Physical State: Liquid
Odor Threshold: N.E.
ph: N.A.
Viscosity: N.D.
Partition Coefficient, n-octanol/water: N.D.
Explosive Limits, vol%: 0.5 - 6.6
Flash Point, °C: 40
Auto-Ignition Temp., °C: N.D.
Vapor Pressure: N.D.

(See "Other information" Section for abbreviation legend)

Not Yet Specified
10. Stability and Reactivity

Conditions to Avoid: No Information

Incompatibility: Incompatible with strong oxidizing agents, strong acids and strong alkalis.

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. Constituents of this product include crystalline silica dust which, if inhalable, may cause silicosis, a form of progressive pulmonary fibrosis. Inhalable crystalline silica is listed by IARC as a group I carcinogen (lung) based on sufficient evidence in occupationally exposed humans and sufficient evidence in animals. Crystalline silica is also listed by the NTP as a known human carcinogen. Constituents may also contain asbestiform or non-asbestiform tremolite or other silicates as impurities, and above de minimus exposure to these impurities in inhalable form may be carcinogenic or cause other serious lung problems.

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

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. 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).

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>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>1309-37-1</td>
<td>Pigment Red 101</td>
<td>&gt;10000 mg/kg Rat</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
<tr>
<td>14807-96-6</td>
<td>Hydrous Magnesium Silicate</td>
<td>6000</td>
<td>N.E.</td>
<td>30</td>
</tr>
<tr>
<td>7779-90-0</td>
<td>Zinc Phosphate</td>
<td>&gt;5000 mg/kg Rat</td>
<td>N.E.</td>
<td>N.E.</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>1314-13-2</td>
<td>Zinc Oxide</td>
<td>&gt;5000 mg/kg Rat</td>
<td>&gt;2000 mg/kg Rat</td>
<td>N.E.</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;4.83 mg/L Rat</td>
</tr>
<tr>
<td>1330-20-7</td>
<td>Xylenes (o-, m-, p- Isomers)</td>
<td>3500 mg/kg Rat</td>
<td>&gt;4350 mg/kg Rabbit</td>
<td>29.08 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>
</tbody>
</table>

N.E. - Not Established

12. Ecological Information

ECOLOGICAL INFORMATION: Product is a mixture of listed components.

13. Disposal Information

DISPOSAL: Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not incinerate closed containers.
### 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>UN Number:</td>
<td>N.A.</td>
<td>1263</td>
<td>1263</td>
<td>N.A.</td>
</tr>
<tr>
<td>Proper Shipping Name:</td>
<td>Not Regulated</td>
<td>Paint</td>
<td>Paint</td>
<td>Not Regulated</td>
</tr>
<tr>
<td>Hazard Class:</td>
<td>N.A.</td>
<td>3</td>
<td>3</td>
<td>N.A.</td>
</tr>
<tr>
<td>Packing Group:</td>
<td>N.A.</td>
<td>III</td>
<td>III</td>
<td>N.A.</td>
</tr>
<tr>
<td>Limited Quantity:</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, Respiratory or Skin Sensitization

**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>Zinc Phosphate</td>
<td>7779-90-0</td>
</tr>
<tr>
<td>Zinc Oxide</td>
<td>1314-13-2</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>
</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:

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

#### U.S. State Regulations:

**California Proposition 65**

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

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Not Yet Specified
16. Other Information

HMIS RATINGS

<table>
<thead>
<tr>
<th>Property</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 Hazard</td>
<td>0</td>
</tr>
<tr>
<td>Personal Protection</td>
<td>X</td>
</tr>
</tbody>
</table>

NFPA RATINGS

<table>
<thead>
<tr>
<th>Property</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>Instability</td>
<td>0</td>
</tr>
<tr>
<td>Volatile Organic Compounds:</td>
<td>396 g/L</td>
</tr>
</tbody>
</table>

SDS REVISION DATE: 12/13/2022

REASON FOR REVISION:

- Substance and/or Product Properties Changed in Section(s):
  - 02 - Hazard Identification
  - 03 - Composition / Information on Ingredients
  - 08 - Exposure Controls / Personal Protection
  - 11 - Toxicological Information
- Substance Hazardous Flag Changed
- Substance Hazard Threshold % Changed
- Substance CAS Number Changed
- Substance Chemical Name Changed
- Revision Statement(s) Changed

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

Rust-Oleum Canada 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. Rust-Oleum Canada 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.