

# Safety Data Sheet



## 1. Identification

**Product Name:** ROHPER QT 2PK TINTBASE BLACK CLRNT SB **Revision Date:** 8/3/2016

**Product Identifier:** B2020502 **Supersedes Date:** 12/1/2015

**Product Use/Class:** Colorant/Solvent Based

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

19% of the mixture consists of ingredient(s) of unknown acute toxicity.

### GHS HAZARD STATEMENTS

|  |      |                             |
|--|------|-----------------------------|
| Flammable Liquid, category 3           | H226 | Flammable liquid and vapor. |
| Germ Cell Mutagenicity, category 1B    | H340 | May cause genetic defects.  |
| Carcinogenicity, category 1B           | H350 | May cause cancer.           |
| Acute Toxicity, Inhalation, category 4 | H332 | Harmful if inhaled.         |

### GHS LABEL PRECAUTIONARY STATEMENTS

|           |  |
|-----------|--|
| P210      | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. NO SMOKING. |
| P235      | Keep cool.   |
| P201      | Obtain special instructions before use.  |
| P281      | Use personal protective equipment as required.   |
| P308+P313 | IF exposed or concerned: Get medical advice/attention.   |
| P261      | Avoid breathing dust, fumes, gases, mists, vapors, or spray.                                   |
| P312      | Call a POISON CENTER or doctor/physician if you feel unwell.                                   |

### 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

| <u>Chemical Name</u>            | <u>CAS-No.</u> | <u>Wt.% Range</u> | <u>GHS Symbols</u> | <u>GHS Statements</u>    |
|---------------------------------|----------------|-------------------|--------------------|--------------------------|
| 1-Methoxy-2-Propyl Acetate      | 108-65-6       | 10-25             | GHS02              | H226                     |
| Solvent Naphtha, Light Aromatic | 64742-95-6     | 10-25             | GHS07-GHS08        | H304-332-340-350         |
| Carbon Black                    | 1333-86-4      | 10-25             | Not Available      | Not Available            |
| 1,2,4-Trimethylbenzene          | 95-63-6        | 2.5-10            | GHS02-GHS07-GHS08  | H226-304-315-319-332-335 |
| Toluene                         | 108-88-3       | 0.1-1.0           | GHS02-GHS07-GHS08  | H225-304-315-332-336-373 |
| Cumene                          | 98-82-8        | 0.1-1.0           | GHS02-GHS07-GHS08  | H226-302-304-332-335-351 |

### 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. Do not store above 120 ° F. Store large quantities in buildings designed and protected for storage of NFPA Class II combustible liquids. Avoid excess heat.

## 8. Exposure Controls/Personal Protection

| Chemical Name                   | CAS-No.    | Weight %<br>Less Than | ACGIH TLV-<br>TWA | ACGIH TLV-<br>STEL | OSHA PEL-TWA | OSHA PEL-<br>CEILING |
|---------------------------------|------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| 1-Methoxy-2-Propyl Acetate      | 108-65-6   | 20.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Solvent Naphtha, Light Aromatic | 64742-95-6 | 15.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Carbon Black                    | 1333-86-4  | 15.0                  | 3 mg/m3           | N.E.               | 3.5 mg/m3    | N.E.                 |
| 1,2,4-Trimethylbenzene          | 95-63-6    | 10.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Toluene                         | 108-88-3   | 1.0                   | 20 ppm            | N.E.               | 200 ppm      | 300 ppm              |
| Cumene                          | 98-82-8    | 1.0                   | 50 ppm            | N.E.               | 50 ppm       | 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. 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

|                                 |                     |   |             |
|---------------------------------|---------------------|---|-------------|
| <b>Appearance:</b>              | Liquid              | <b>Physical State:</b>                              | Liquid      |
| <b>Odor:</b>                    | Solvent Like        | <b>Odor Threshold:</b>                              | N.E.        |
| <b>Relative Density:</b>        | 1.117               | <b>pH:</b>  | N.A.        |
| <b>Freeze Point, °C:</b>        | N.D.                | <b>Viscosity:</b>                                   | N.D.        |
| <b>Solubility in Water:</b>     | Negligible          | <b>Partition Coefficient, n-octanol/<br/>water:</b> | N.D.        |
| <b>Decomposition Temp., °C:</b> | N.D.                | <b>Explosive Limits, vol%:</b>                      | N.A. - N.A. |
| <b>Boiling Range, °C:</b>       | 138 - 177           | <b>Flash Point, °C:</b>                             | 42          |
| <b>Flammability:</b>            | Supports Combustion | <b>Auto-ignition Temp., °C:</b>                     | N.D.        |
| <b>Evaporation Rate:</b>        | Slower than Ether   | <b>Vapor Pressure:</b>                              | N.D.        |
| <b>Vapor Density:</b>           | Heavier than Air    |   |             |

(See "Other information" Section for abbreviation legend)

## 10. Stability and Reactivity

**CONDITIONS TO AVOID:** Avoid all possible sources of ignition. Avoid temperatures above 120°F (49°C). Avoid contact with strong acid and strong bases.

**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 be absorbed through the skin in harmful amounts. 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 carbon black. Chronic inflammation, lung fibrosis, and lung tumors have been observed in some rats experimentally exposed for long periods of time to excessive concentrations of carbon black and several insoluble fine dust particles. Tumors have not been observed in other animal species (i.e., mouse and hamster) under similar circumstances and study conditions. Epidemiological studies of North American workers show no evidence of clinically significant adverse health effects due to occupational exposure to carbon black.

Carbon black is listed as a Group 2B-"Possibly carcinogenic to humans" by IARC and is proposed to be listed as A4- "not classified as a human carcinogen" by the American Conference of Governmental Industrial Hygienists. Significant exposure is not anticipated 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 carbon black in the formula. 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:

| <u>CAS-No.</u> | <u>Chemical Name</u>            | <u>Oral LD50</u> | <u>Dermal LD50</u> | <u>Vapor LC50</u> |
|----------------|---------------------------------|------------------|--------------------|-------------------|
| 108-65-6       | 1-Methoxy-2-Propyl Acetate      | 8532 mg/kg Rat   | >5000 mg/kg Rabbit | N.I.              |
| 64742-95-6     | Solvent Naphtha, Light Aromatic | 8400 mg/kg Rat   | >2000 mg/kg Rabbit | N.I.              |
| 1333-86-4      | Carbon Black                    | >15400 mg/kg Rat | N.I.               | N.I.              |
| 95-63-6        | 1,2,4-Trimethylbenzene          | 3280 mg/kg Rat   | >3160 mg/kg Rabbit | 18 mg/L Rat       |
| 108-88-3       | Toluene                         | 2600 mg/kg Rat   | 12000 mg/kg Rabbit | 12.5 mg/L Rat     |
| 98-82-8        | Cumene                          | 1400 mg/kg Rat   | 88314 mg/kg Rabbit | N.I.              |

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

|                              | <u>Domestic (USDOT)</u> | <u>International (IMDG)</u> | <u>Air (IATA)</u> | <u>TDG (Canada)</u> |
|------------------------------|-------------------------|-----------------------------|-------------------|---------------------|
| <b>UN Number:</b>            | N.A.                    | 1263                        | 1263              | N.A.                |
| <b>Proper Shipping Name:</b> | Not Regulated           | Paint                       | Paint             | Not Regulated       |
| <b>Hazard Class:</b>         | N.A.                    | 3                           | 3                 | N.A.                |
| <b>Packing Group:</b>        | N.A.                    | III                         | III               | N.A.                |
| <b>Limited Quantity:</b>     | No                      | Yes, >5L No                 | Yes, >5L No       | 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:

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

**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:

| <u>Chemical Name</u>   | <u>CAS-No.</u> |
|------------------------|----------------|
| 1,2,4-Trimethylbenzene | 95-63-6        |
| Toluene                | 108-88-3       |

**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.

**16. Other Information****HMIS RATINGS**

Health: 2\*      Flammability: 2      Physical Hazard: 0      Personal Protection: X

**NFPA RATINGS**

Health: 2      Flammability: 2      Instability: 0

VOLATILE ORGANIC COMPOUNDS, g/L: 362

SDS REVISION DATE: 8/3/2016

REASON FOR REVISION: Substance Chemical Name Changed  
Substance and/or Product Properties Changed in Section(s):  
02 - Hazard Identification  
03 - Composition/Information on Ingredients  
05 - Fire-fighting Measures  
Statement(s) Changed

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

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