

# Safety Data Sheet



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## 1. Identification

|                             |   |                         |   |
|-----------------------------|---|-------------------------|---|
| <b>Product Name:</b>        | TREMCLAD BONUS GLS BLK 425G   | <b>Revision Date:</b>   | 10/4/2024   |
| <b>Product Identifier:</b>  | 392138  | <b>Supersedes Date:</b> | New SDS   |
| <b>Recommended Use:</b>     | Topcoat/Aerosol   |                         |   |
| <b>Supplier:</b>            | Rust-Oleum Canada (ROCA)<br>200 Confederation Parkway<br>Concord, ON L4K 4T8<br>Canada<br>Phone: 1-800-387-3625 | <b>Manufacturer:</b>    | Rust-Oleum Canada (ROCA)<br>200 Confederation Parkway<br>Concord, ON L4K 4T8<br>Canada<br>Phone: 1-800-387-3625 |
| <b>Preparer:</b>            | Regulatory Department   |                         |   |
| <b>Emergency Telephone:</b> | 24 Hour Hotline: 847-367-7700   |                         |   |

## 2. Hazards Identification

### Classification

#### Symbol(s) of Product



#### Signal Word

Danger

#### Possible Hazards

34% of the mixture consists of ingredient(s) of unknown acute toxicity.

#### GHS Hazard Statements

|                                       |      |  |
|---------------------------------------|------|--|
| Pressurized Container                 | H229 | Pressurized container: may burst if heated.                        |
| Carcinogenicity, category 1B          | H350 | May cause cancer.  |
| Eye Irritation, category 2A           | H319 | Causes serious eye irritation.                                     |
| Flammable Aerosol, category 1         | H222 | Extremely flammable aerosol.                                       |
| Gases under Pressure; Compressed Gas  | H280 | Contains gas under pressure; may explode if heated.                |
| Germ Cell Mutagenicity, category 1B   | H340 | May cause genetic defects.   |
| Reproductive Toxicity, category 1B    | H360 | May damage fertility or the unborn child.                          |
| Skin Irritation, category 2           | H315 | Causes skin irritation.  |
| STOT, Repeated Exposure, category 2   | H373 | May cause damage to organs through prolonged or repeated exposure. |
| STOT, Single Exposure, category 3, NE | H336 | May cause drowsiness or dizziness.                                 |

#### GHS Label Precautionary Statements

|      |  |
|------|--|
| P201 | Obtain special instructions before use.  |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P211 | Do not spray on an open flame or other ignition source.  |
| P251 | Do not pierce or burn, even after use.   |
| P260 | Do not breathe dust/fumes/gas/mist/vapours/spray.  |

Tremclad Bonus Gloss Black Spray 425gm

|                |  |
|----------------|--|
| P264           | Wash thoroughly after handling.  |
| P271           | Use only outdoors or in a well-ventilated area.  |
| P280           | Wear protective gloves / protective clothing / eye protection / face protection.   |
| P302+P352      | IF ON SKIN: Wash with plenty of soap and water.  |
| P304+P340      | IF INHALED: Remove person to fresh air and keep comfortable for breathing.   |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P308+P313      | IF exposed or concerned: Get medical advice/attention.   |
| P312           | Call a POISON CENTER or doctor/physician if you feel unwell.   |
| P321           | Specific treatment (see notice on this label).   |
| P332+P313      | If skin irritation occurs: Get medical advice/attention.   |
| P337+P317      | If eye irritation persists: Get medical help.  |
| P362+P364      | Take off contaminated clothing and wash it before reuse.   |
| P403+P233      | Store in a well-ventilated place. Keep container tightly closed.   |
| P405           | Store locked up.   |
| P410+P403      | Protect from sunlight. Store in a well-ventilated place.   |
| P410+P412      | Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F.   |
| P501           | Dispose of contents and container in accordance with local, regional and national regulations.                                   |

### 3. Composition / Information on Ingredients

#### HAZARDOUS SUBSTANCES

| <u>Chemical Name</u>                  | <u>CAS-No.</u> | <u>Wt.%<br/>Range</u> | <u>GHS Symbols</u>    | <u>GHS Statements</u> |
|---------------------------------------|----------------|-----------------------|-----------------------|-----------------------|
| Acetone                               | 67-64-1        | 25-50                 | GHS02-GHS07           | H225-319-332-336      |
| Propane                               | 74-98-6        | 10-25                 | GHS04                 | H280                  |
| Xylenes (o-, m-, p- Isomers)          | 1330-20-7      | 2.5-10                | GHS02-GHS07           | H226-315-319-332      |
| n-Butane                              | 106-97-8       | 2.5-10                | GHS04                 | H280                  |
| n-Butyl Acetate                       | 123-86-4       | 2.5-10                | GHS02-GHS07           | H226-336              |
| Barium Sulfate                        | 7727-43-7      | 2.5-10                | GHS07                 | H332                  |
| Ethylbenzene                          | 100-41-4       | 1.0-2.5               | GHS02-GHS07-<br>GHS08 | H225-304-332-351-373  |
| Propylene Glycol Monobutyl Ether      | 5131-66-8      | 1.0-2.5               | GHS07                 | H302-315-319          |
| Carbon Black                          | 1333-86-4      | 1.0-2.5               | Not Available         | Not Available         |
| Solvent Naphtha, Light Aromatic       | 64742-95-6     | 0.1-1.0               | GHS07-GHS08           | H304-332              |
| Zirconium 2-Ethylhexanoate            | 22464-99-9     | 0.1-1.0               | GHS08                 | H360                  |
| Naphtha, Hydrotreated Heavy           | 64742-48-9     | 0.1-1.0               | GHS08                 | H304-340-350          |
| Cobalt 2-Ethylhexanoate               | 136-52-7       | 0.1-1.0               | GHS08                 | H360                  |
| 3-(Glycidyloxypropyl)trimethoxysilane | 2530-83-8      | 0.1-1.0               | Not Available         | Not Available         |

### 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. Remove contact lenses, if present and easy to do. Continue rinsing.

**First Aid - Skin Contact:** Immediately flush skin with plenty of water for at least 15 minutes while removing clothing. Get medical attention immediately. Wash clothing separately before reuse.

**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, do not induce vomiting. If victim is conscious and alert, give 2 to 4 cupfuls of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Treat symptomatically and supportively. Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.

## 5. Fire-Fighting Measures

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

**Unusual Fire and Explosion Hazards:** FLASH POINT IS LESS THAN -7°C (20°F). EXTREMELY FLAMMABLE LIQUID AND VAPOR! Water spray may be ineffective. Closed containers may explode when exposed to extreme heat. Vapors may form explosive mixtures with air. Vapors can travel to a source of ignition and flash back. Isolate from heat, electrical equipment, sparks and open flame. Perforation of the pressurized container may cause bursting of the can.

**Special Fire Fighting Procedures:** Water may be used to cool closed containers to prevent buildup of steam. Full protective equipment including self-contained breathing apparatus should be used. If water is used, fog nozzles are preferred. Evacuate area and fight fire from a safe distance. Containers can rupture and release highly toxic material if exposed to heat. Substance is non-combustible but reacts with many metals to form explosive hydrogen gas. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

**Special Fire and Explosion Hazard (Combustible Dust):** Not a combustible dust.

## 6. Accidental Release Measures

**Steps to Be Taken If Material Is Released or Spilled:** Avoid runoff into sewers and waterways. Provide ventilation and approach spill from upwind using proper personal protective equipment as indicated in Section 8. Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. 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. Do not get in eyes, on skin or clothing. Do not puncture or incinerate (burn) container, even after use.

**Storage:** Contents under pressure. Do not store above 120°F (49°C). Store large quantities in buildings designed and protected for storage of flammable aerosols. Keep away from heat, sparks, flame and sources of ignition.

**Advice on Safe Handling of Combustible Dust:** No Information

## 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 |
|--|------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Acetone                                | 67-64-1    | 30.0                  | 250 ppm           | 500 ppm            | 1000 ppm     | N.E.                 |
| Propane                                | 74-98-6    | 20.0                  | N.E.              | N.E.               | 1000 ppm     | N.E.                 |
| Xylenes (o-, m-, p- Isomers)           | 1330-20-7  | 10.0                  | 20 ppm            | N.E.               | 100 ppm      | N.E.                 |
| n-Butane                               | 106-97-8   | 10.0                  | N.E.              | 1000 ppm           | N.E.         | N.E.                 |
| n-Butyl Acetate                        | 123-86-4   | 10.0                  | 50 ppm            | 150 ppm            | 150 ppm      | N.E.                 |
| Barium Sulfate                         | 7727-43-7  | 10.0                  | 5 mg/m3           | N.E.               | 15 mg/m3     | N.E.                 |
| Ethylbenzene                           | 100-41-4   | 5.0                   | 20 ppm            | N.E.               | 100 ppm      | N.E.                 |
| Propylene Glycol Monobutyl Ether       | 5131-66-8  | 5.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| Carbon Black                           | 1333-86-4  | 5.0                   | 3 mg/m3           | N.E.               | 3.5 mg/m3    | N.E.                 |
| Solvent Naphtha, Light Aromatic        | 64742-95-6 | 1.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| Zirconium 2-Ethylhexanoate             | 22464-99-9 | 1.0                   | 5 mg/m3           | 10 mg/m3           | 5 mg/m3      | N.E.                 |
| Naphtha, Hydrotreated Heavy            | 64742-48-9 | 1.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| Cobalt 2-Ethylhexanoate                | 136-52-7   | 1.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| 3-(Glycidyloxypropyl) trimethoxysilane | 2530-83-8  | 1.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |

### PERSONAL PROTECTION

**Engineering Controls:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Any electrical equipment nearby must be explosion-proof. Apply outdoors.

**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 organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

**Skin Protection:** Use impervious gloves to prevent skin contact and absorption of this material through the skin.

**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

|                                 |                     |  |            |
|---------------------------------|---------------------|--|------------|
| <b>Appearance:</b>              | Aerosolized Mist    | <b>Physical State:</b>                         | Liquid     |
| <b>Odor:</b>                    | Solvent Like        | <b>Odor Threshold:</b>                         | N.E.       |
| <b>Specific Gravity:</b>        | 0.769               | <b>pH:</b>                                     | N.A.       |
| <b>Freeze Point, °C:</b>        | N.D.                | <b>Viscosity:</b>                              | N.D.       |
| <b>Solubility in Water:</b>     | Slight              | <b>Partition Coefficient, n-octanol/water:</b> | N.D.       |
| <b>Decomposition Temp., °C:</b> | N.D.                | <b>Explosive Limits, vol%:</b>                 | 0.9 - 13.0 |
| <b>Boiling Range, °C:</b>       | -37 - 3,000         | <b>Flash Point, °C:</b>                        | -96        |
| <b>Flammability:</b>            | Supports Combustion | <b>Auto-Ignition Temp., °C:</b>                | N.D.       |
| <b>Evaporation Rate:</b>        | Faster 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 temperatures above 120°F (49°C). Avoid all possible sources of ignition. Avoid contact with metals. Avoid excess heat.

**Incompatibility:** Incompatible with strong oxidizing agents, strong acids and strong alkalies. Product slowly corrodes copper, aluminum, zinc, and galvanized surfaces.

**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:** Can cause severe eye irritation. Causes eye burns. Causes eye and skin irritation which may lead to dermatitis with repeated exposures. Irritating, and may injure eye tissue if not removed promptly. High vapor concentrations can irritate eyes, nose and respiratory passages.

**Effects of Overexposure - Skin Contact:** Substance is corrosive. Causes severe skin burns. Severely irritating; may cause permanent skin damage.

**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.

**Effects of Overexposure - Ingestion:** Corrosive and may cause severe and permanent damage to mouth, throat and stomach. Harmful if swallowed.

**Effects of Overexposure - Chronic Hazards:** May damage fertility or the unborn child. High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis, and blurred vision) and/or damage. 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. 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

Tremclad Bonus Gloss Black Spray 425gm

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. IARC lists Ethylbenzene as a possible human carcinogen (group 2B). May cause genetic defects.

**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> |
|----------------|---------------------------------------|------------------|---------------------|-------------------|
| 67-64-1        | Acetone                               | 5800 mg/kg Rat   | >15700 mg/kg Rabbit | 50.1 mg/L Rat     |
| 1330-20-7      | Xylenes (o-, m-, p- Isomers)          | 3500 mg/kg Rat   | >4350 mg/kg Rabbit  | 29.08 mg/L Rat    |
| 106-97-8       | n-Butane                              | N.E.             | N.E.                | 658 mg/L Rat      |
| 123-86-4       | n-Butyl Acetate                       | 10768 mg/kg Rat  | >17600 mg/kg Rabbit | > 21 mg/L Rat     |
| 7727-43-7      | Barium Sulfate                        | 307000 mg/kg Rat | N.E.                | N.E.              |
| 100-41-4       | Ethylbenzene                          | 3500 mg/kg Rat   | 15400 mg/kg Rabbit  | 17.4 mg/L Rat     |
| 5131-66-8      | Propylene Glycol Monobutyl Ether      | 1900 mg/kg Rat   | >2000 mg/kg Rat     | N.E.              |
| 1333-86-4      | Carbon Black                          | >10000 mg/kg Rat | >2000 mg/kg Rabbit  | N.E.              |
| 64742-95-6     | Solvent Naphtha, Light Aromatic       | 8400 mg/kg Rat   | >2000 mg/kg Rabbit  | N.E.              |
| 64742-48-9     | Naphtha, Hydrotreated Heavy           | >6000 mg/kg Rat  | >5000 mg/kg Rabbit  | N.E.              |
| 136-52-7       | Cobalt 2-Ethylhexanoate               | 3129 mg/kg Rat   | >5000 mg/kg Rabbit  | N.E.              |
| 2530-83-8      | 3-(Glycidyloxypropyl)trimethoxysilane | 7010 mg/kg Rat   | 4243 mg/kg Rabbit   | N.E.              |

N.E. - Not Established

## 12. Ecological Information

**Ecological Information:** No ecotoxicity data was found for this product.

## 13. Disposal Information

**Disposal:** Do not incinerate closed containers. Dispose of material in accordance to local, state, and federal regulations and ordinances. This product as supplied is a US EPA defined ignitable hazardous waste. Dispose of unusable product as a hazardous waste (D001) in accordance with local, state, and federal regulation. RCRA Hazardous Waste: This material, when discarded or disposed of, could be a hazardous waste according to federal regulations (40 CFR 261) due to the characteristic of corrosivity (D002). Check state and local regulations for disposal requirements. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate, or otherwise inappropriate. EPA Hazardous Waste Number (RCRA): D005 (Barium). Dispose of in accordance with U.S. EPA 40 CFR 262 for concentrations at or above the Regulatory level. Regulatory level- 100.0 mg/L.

## 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.  | 1950                        | 1950                | 1950                |
| <b>Proper Shipping Name:</b> | Paint and Related Spray Products in Ltd Qty | Aerosols                    | Aerosols, flammable | AEROSOLS, flammable |
| <b>Hazard Class:</b>         | N.A.  | 2                           | 2.1                 | 2.1                 |
| <b>Packing Group:</b>        | N.A.  | N.A.                        | N.A.                | N.A.                |
| <b>Limited Quantity:</b>     | Yes   | Yes                         | Yes                 | Yes                 |

## 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:

Gas under pressure, Carcinogenicity, Reproductive toxicity, Skin Corrosion or Irritation, Serious eye damage or eye irritation, Specific target organ toxicity (single or repeated exposure), Germ cell mutagenicity

**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> |
|------------------------------|----------------|
| Xylenes (o-, m-, p- Isomers) | 1330-20-7      |
| Barium Sulfate               | 7727-43-7      |
| Ethylbenzene                 | 100-41-4       |
| Cobalt 2-Ethylhexanoate      | 136-52-7       |

**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](http://www.P65Warnings.ca.gov).

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

Health: 2\* Flammability: 4 Physical Hazard: 0 Personal Protection: X

**NFPA RATINGS**

Health: 2 Flammability: 4 Instability: 0

Maximum Incremental Reactivity: 1.32

SDS REVISION DATE: 10/4/2024

REASON FOR REVISION:

**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.