

Safety Data Sheet



1. Identification

Name on Label: Marine Antifouling Flat Black

Product Name: MARINE QT 2PK BTBOTM ANTIFOUL FLAT BLK **Revision Date:** 4/11/2025

Product Identifier: 396967 **Supersedes Date:** New SDS

Recommended Use: Antifouling/Marine Coating

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

14% of the mixture consists of ingredient(s) of unknown acute toxicity.

GHS Hazard Statements

| | | |
|---|-----------|---|
| Flammable Liquid, category 3 | H226 | Flammable liquid and vapour. |
| Acute Toxicity, Oral and Inhalation, category 4 | H302+H332 | Harmful if swallowed or if inhaled. |
| Skin Irritation, category 2 | H315 | Causes skin irritation. |
| Serious Eye Damage, category 1 | H318 | Causes serious eye damage. |
| Germ Cell Mutagenicity, category 1B | H340 | May cause genetic defects. |
| Carcinogenicity, category 1B | H350 | May cause cancer. |
| Reproductive Toxicity, category 1B | H360 | May damage fertility or the unborn child. |
| STOT, Repeated Exposure, category 1 | H372 | Causes damage to organs through prolonged or repeated exposure. |

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. |
| P233 | Keep container tightly closed. |
| P260 | Do not breathe dust, fumes, gas, mist, vapours, or spray. |

| | |
|----------------|--|
| P264 | Wash thoroughly after handling. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P280 | Wear protective gloves, protective clothing, eye protection, and face protection. |
| P302+P352 | IF ON SKIN: Wash with plenty of soap and water. |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. |
| 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. |
| P310 | If exposed immediately call a POISON CENTER or doctor/physician. |
| P321 | Specific treatment (see notice on this label). |
| P330 | Rinse mouth. |
| P332+P313 | If skin irritation occurs: Get medical advice/attention. |
| P362+P364 | Take off contaminated clothing and wash it before reuse. |
| P370+P378 | In case of fire: Extinguish using suitable extinguishing media. |
| P403+P235 | Store in a well-ventilated place. Keep cool. |
| P405 | Store locked up. |
| P501 | Dispose of contents and container in accordance with local, regional and national regulations. |

GHS SDS Precautionary Statements

| | |
|------|--|
| P240 | Ground and bond container and receiving equipment. |
| P241 | Use explosion-proof electrical, ventilating, lighting, or pouring equipment. |
| P242 | Use non-sparking tools. |
| P243 | Take action to prevent static discharges. |
| P270 | Do not eat, drink or smoke when using this product. |

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> |
|-------------------------------------|----------------|-------------------|--------------------|----------------------------------|
| Cuprous Oxide | 1317-39-1 | 15-40 | GHS05-GHS07 | H302+H332-318 |
| Naphtha (Petroleum), Heavy Aromatic | 64742-94-5 | 10-30 | GHS08 | H304 |
| 1,2,4-Trimethylbenzene | 95-63-6 | 3.0-7.0 | GHS02-GHS07-GHS08 | H226-304-315-319-332-335-340-350 |
| Dibutyl Phthalate | 84-74-2 | 3.0-7.0 | GHS08 | H360 |
| Stoddard Solvent | 8052-41-3 | 3.0-7.0 | GHS08 | H304-372 |
| Xylenes (o-, m-, p- Isomers) | 1330-20-7 | 1.0-5.0 | GHS02-GHS07-GHS08 | H226-304-315-319-332-340-350 |
| Tremolite (nonasbestiform) | 14567-73-8 | 1.0-5.0 | Not Available | Not Available |
| Solvent Naphtha, Light Aromatic | 64742-95-6 | 1.0-5.0 | GHS07-GHS08 | H304-332-340-350 |
| Carbon Black | 1333-86-4 | 1.0-5.0 | Not Available | Not Available |
| Ethylbenzene | 100-41-4 | 0.1-1.0 | GHS02-GHS07-GHS08 | H225-304-332-340-350-373 |
| Anthophyllite (Nonasbestiform) | 17068-78-9 | 0.1-1.0 | Not Available | Not Available |
| 1,2,4,5-Tetramethylbenzene | 95-93-2 | <0.1 | Not Available | Not Available |
| 1H-Indene, 2,3-dihydro- | 496-11-7 | <0.1 | Not Available | Not Available |

Actual concentrations of ingredients are withheld as trade secret.

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. If swallowed, get medical attention. 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: Closed containers may explode when exposed to extreme heat due to buildup of steam. Vapors can travel to a source of ignition and flash back. Keep containers tightly closed. Combustible liquid and vapor.

Special Fire Fighting Procedures: Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion. Water may be used to cool closed containers to prevent buildup of steam. 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. 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. Eliminate all ignition sources; use explosion-proof equipment. Place material in a container and dispose of according to local, provincial, state and federal regulations. Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Do not discharge into lakes, streams, ponds, or public water systems. This pesticide is toxic to aquatic organisms.

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. Ground and bond containers when transferring material from one vessel to another. Vapor can be ignited by static discharge. 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 away from heat, sparks, flame and sources of ignition. Avoid excess heat.

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 |
|-------------------------------------|------------|-----------------------|---------------|----------------|---------------|------------------|
| Cuprous Oxide | 1317-39-1 | 40.0 | 1 mg/m3 | N.E. | N.E. | N.E. |
| Naphtha (Petroleum), Heavy Aromatic | 64742-94-5 | 20.0 | N.E. | N.E. | N.E. | N.E. |
| 1,2,4-Trimethylbenzene | 95-63-6 | 10.0 | 10 ppm | N.E. | N.E. | N.E. |
| Dibutyl Phthalate | 84-74-2 | 10.0 | 5 mg/m3 | N.E. | 5 mg/m3 | N.E. |
| Stoddard Solvent | 8052-41-3 | 10.0 | 100 ppm | N.E. | 500 ppm | N.E. |
| Xylenes (o-, m-, p- Isomers) | 1330-20-7 | 5.0 | 20 ppm | N.E. | 100 ppm | N.E. |
| Tremolite (nonasbestiform) | 14567-73-8 | 5.0 | N.E. | N.E. | 0.1 fiber/cm3 | N.E. |
| Solvent Naphtha, Light Aromatic | 64742-95-6 | 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. |

| | | | | | | |
|--------------------------------|------------|-----|--------|------|---------|------|
| Ethylbenzene | 100-41-4 | 1.0 | 20 ppm | N.E. | 100 ppm | N.E. |
| Anthophyllite (Nonasbestiform) | 17068-78-9 | 1.0 | N.E. | N.E. | N.E. | N.E. |
| 1,2,4,5-Tetramethylbenzene | 95-93-2 | 0.1 | N.E. | N.E. | N.E. | N.E. |
| 1H-Indene, 2,3-dihydro- | 496-11-7 | 0.1 | N.E. | N.E. | N.E. | 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 (U.S.) and/or SOR/86-304 Part XII 12.13 and CSA Standard Z180.1 (Canada) requirements must be followed whenever workplace conditions warrant a respirator's use.

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

| | | | |
|------------------------------------|---------------------|--|-------------------|
| Physical State | Liquid | Decomposition Temperature, °C | N.D. |
| Color | Black | pH | ND |
| Odor | Solvent Like | Kinematic Viscosity | N.D. |
| Odor Threshold | Threshold N.E. | Solubility in Water | Slight |
| Freezing Point / Melting Point, °C | ND | Partition Coefficient, n-octanol/water | N.D. |
| Boiling Range, °C | 161 - 161 | Vapor Pressure | N.D. |
| Flammability | Supports Combustion | Evaporation Rate | Slower than Ether |
| Lower Explosion Limit, vol% | N.A. | Specific Gravity | 1.890 |
| Upper Explosion Limit, vol% | N.A. | Vapor Density | Heavier than Air |
| Flash Point, °C | 47 | Particle Characteristics | N.A. |
| Auto-Ignition Temperature, °C | N.D. | | |

(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.

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 burns. 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 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> |
|----------------|-------------------------------------|------------------|---------------------|-------------------|
| 1317-39-1 | Cuprous Oxide | 470 mg/kg Rat | >2000 mg/kg Rat | N.E. |
| 64742-94-5 | Naphtha (Petroleum), Heavy Aromatic | >5000 mg/kg Rat | >2000 mg/kg Rabbit | 25 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 3280 mg/kg Rat | >3440 mg/kg Rat | 18 mg/L Rat |
| 84-74-2 | Dibutyl Phthalate | 7499 mg/kg Rat | >20000 mg/kg Rabbit | N.E. |
| 8052-41-3 | Stoddard Solvent | N.E. | >3000 mg/kg Rabbit | 25 |
| 1330-20-7 | Xylenes (o-, m-, p- Isomers) | 3500 mg/kg Rat | >4350 mg/kg Rabbit | 29.08 mg/L Rat |
| 64742-95-6 | Solvent Naphtha, Light Aromatic | 8400 mg/kg Rat | >2000 mg/kg Rabbit | 25 |
| 1333-86-4 | Carbon Black | >10000 mg/kg Rat | >2000 mg/kg Rabbit | N.E. |
| 100-41-4 | Ethylbenzene | 3500 mg/kg Rat | 15400 mg/kg Rabbit | 17.4 mg/L Rat |
| 95-93-2 | 1,2,4,5-Tetramethylbenzene | 6989 mg/kg Rat | N.E. | N.E. |

N.E. - Not Established

12. Ecological Information

Ecological Information: Product is a mixture of listed components. No ecotoxicity data was found for this product.

13. Disposal Considerations

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.

14. Transport Information

| | <u>Domestic (USDOT)</u> | <u>International (IMDG)</u> | <u>Air (IATA)</u> | <u>TDG (Canada)</u> |
|------------------------------|-------------------------|-----------------------------|-------------------|---------------------|
| UN Number: | N.A. | 1263 | 1263 | N.A. |
| Proper Shipping Name: | Not Regulated | Paint | Paint | 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), 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> |
|--------------------------------|----------------|
| 1,2,4-Trimethylbenzene | 95-63-6 |
| Dibutyl Phthalate | 84-74-2 |
| Xylenes (o-, m-, p- Isomers) | 1330-20-7 |
| Ethylbenzene | 100-41-4 |
| Anthophyllite (Nonasbestiform) | 17068-78-9 |

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:

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|----------------------------|----------------|
| Tremolite (nonasbestiform) | 14567-73-8 |

U.S. State Regulations:

California Proposition 65

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

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: 485 g/L

SDS REVISION DATE: 4/11/2025

REASON FOR REVISION:

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

Rust-Oleum Corporation 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 Corporation 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.