



TOTAL BOAT SAFETY DATA SHEET

1. Product and Company Identification

Material name TOTALBOAT SPARTAN
Version # 01
Revision date 08-11-2015; Product Code Update 01-08-2016
Product code Black TB-4010 Gal, TB-8394 Qt; Blue TB-4020 Gal, TB-8395 Qt; Teal TB-8377; Red TB-8378
Product use Marine Antifouling Paint

Supplier TOTALBOAT LLC
17 Peckham Drive
Bristol, Rhode Island, 02809
1-800-497-0010

Emergency INFOTRAC: 1-800-535-5053

Hazardous Identification

GHS Classification

Health

Acute Toxicity - See section 11 for specific toxicity See section data on ingredients

Eye Irritation - Category 2

Skin Irritation - Category 3

Physical

Flammability - Category 3

Environmental

Aquatic Toxicity - Acute and Chronic Category Not Rated

Label Elements



Hazard Statements

WARNING

Flammable liquid and vapor
Causes eye and skin irritation
Harmful if swallowed
Toxic to aquatic life

Precautionary Statements

OSHA regulatory status This product is hazardous according to OSHA 29 CFR 1910.1200.
Keep away from heat, sparks, open flames and hot surfaces
Do not get in eyes, skin or on clothing
Do not breathe vapors or spray mist
Do not eat, drink or smoke when using this product
Avoid releases of this product to the environment
Wear protective eye, skin and hands/arms protection
If swallowed, IMMEDIATELY call a Poison Control Center or Doctor/physician
If skin or hair contact, wash affected area with soap and water. Remove contaminated clothing and wash before re-use
If in eyes, rinse with copious amounts of water for 10-15 minutes. Remove contacts if possible. Seek immediate doctor/physician or poison control center advice

3. Composition / Information on Ingredients

Components	CAS #	Percent
Cuprous Oxide	1317-39-1	>45.0%
Magnesium Silicate	14807-96-6	<10.0%
High Flash Naphtha	64742-94-5	<12.0%
Xylene	1330-20-7	>8.0%

4. First Aid Measures

Eye contact Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention. In case of irritation from airborne exposure, move to fresh air. Get medical attention if symptoms persist.

Skin contact Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention if irritation persists. Wash contaminated clothing before reuse. Destroy or thoroughly clean contaminated shoes.

Inhalation Move person to fresh air. If person is not breathing, call 911 or an ambulance then give artificial respiration. Call a poison control center or doctor immediately for further treatment advice. For additional information in case of emergency call toll free Chemtrec 1-800-424-9300. Have the product container or label with you when calling a poison control center or doctor for treatment.

Ingestion DO NOT INDUCE VOMITING UNLESS TO DO SO BY MEDICAL PERSONEL. Call a poison control center or doctor immediately for treatment advice. NEVER give anything by mouth to an unconscious person..

5. Fire Fighting Measures

Flammable properties Flammable, Category 3, Flash Point over 77-83 deg F.

Extinguishing media - Water, water fog, foam, dry chemical, carbon dioxide
Fire fighting equipment/instructions. - Self contained breathing apparatus and full protective clothing
Hazardous combustion products - Copper, Carbon and Silicon oxides..

6. Accidental Release Measures

Personal precautions Ensure adequate ventilation. Wear suitable protective clothing. See Section 8 of the SDS for Personal Protective Equipment.

Environmental precautions Collect using non-sparking equipment and dispose of spillage in accordance with state and local regulations.

Methods for containment Dike the spilled material, where this is possible. Prevent entry into waterways, sewer, basements or confined areas.

Methods for cleaning up Large Spills: Dike far ahead of liquid spill for later recovery and disposal. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece).

Never return spills to original containers for re-use. Following product recovery, flush area with water. Clean surface thoroughly to remove residual contamination.

Other information Clean up in accordance with all applicable regulations.

7. Handling and Storage

Handling Avoid breathing mists or vapors. Avoid contact with eyes, skin, and clothing. Use only with adequate ventilation. Wash thoroughly after handling. Observe good industrial hygiene practices.

Storage Keep container tightly closed and in a well-ventilated place. Store in closed original container at room temperature. Store away from incompatible materials.

8. Exposure Controls / Personal Protection

Components	Value
Cuprous Oxide (1317-39-17)	
STEL	Not Available
TWA	Not available
Magnesium Silicate (14807-96-6)	
STEL	Not Available
TWA	Not Available
High Flash Naphtha (64742-94-5)	
STEL	150 ppm
TWA	100 ppm
Xylene (1330-20-7)	
STEL	150ppm
TWA	100 ppm

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
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Cuprous Oxide	PEL	Not Available
Magnesium Silicate	PEL	5 mg/M3
High Flash Naphtha	PEL	25 ppm
Xylene	PEL	100 ppm

Engineering controls Ensure adequate ventilation, especially in confined areas. Must control air contamination to their exposure limits.

Personal protective equipment

Eye / face protection Wear safety glasses with side shields (or goggles). Wear a full-face respirator, if needed.

Skin protection Wear chemical-resistant gloves, footwear and protective clothing appropriate for risk of exposure. Contact glove manufacturer for specific information.

Respiratory protection If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Respirator type: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister.

General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical & Chemical Properties

Appearance	Liquid.
Color	Various Colors.
Odor	Pleasant.
Odor threshold	Not available.
Physical state	Liquid.
Form	Liquid.
pH	Not Applicable
Melting point	Not Applicable.
Freezing point	Not Applicable.
Boiling point	244 °F
Flash point	Over 77-83 deg F.
Evaporation rate	Faster than water.
Flammability limits in air, lower,	1.4
Vapor Pressure	Unknown
Vapor density	Heavier than air
Specific gravity	1.98.
Solubility (water)	Not Soluble.
Partition coefficient (n-octanol/water)	
No data available.	
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.

10. Chemical Stability & Reactivity Information

Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Contact with flames and high heat.

Incompatible materials Strong acids and alkalis.
Hazardous decomposition products - Copper, Carbon and Silicon Oxides
Possibility of hazardous reactions - Hazardous decomposition will not occur

11. Toxicological Information

Toxicological data

Components	Test Results
Cuprous Oxide	Acute Oral LD50 470 mg/Kg
Xylene	Acute Oral LD50 5000 mg/Kg Acute Dermal LD50 1240 mg/Kg
High Flash Naphtha	Acute Dermal LD50 >3100 mg/Kg Acute Oral LD50 >2900 mg/Kg
Magnesium Silicate	Acute Oral LD50 10,000 mg/Kg

Acute effects

Routes of Exposure - Eye contact, skin contact, inhalation and ingestion

Eye Contact - eye irritation

Skin Contact - skin irritation

Inhalation - irritating to respiratory system

Ingestion - irritating to digestive tract

Chronic effects - Unknown

Carcinogenicity - This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

12. Ecological Information

Ecotoxicological data

Components	Test Results
Cuprous Oxide	- Can effect health of marine animals and algae

Ecotoxicity - Can be harmful to aquatic organisms.

Persistence and degradability - Unknown

Bioaccumulation / Accumulation - Unknown

Partition coefficient (n-octanol/water) - Unknown

Mobility in environmental media - No ecotoxicity known or available

13. Disposal Considerations

Disposal instructions Dispose of contents/container in accordance with local/regional/national/international regulations.
Contaminated packaging Since emptied containers may retain product residue, follow label warnings and disposal procedures..

14. Transport Information

UN Number - UN1263

UN Proper Shipping Name - PAINT

**Transport Hazard Classes **

DOT (Domestic Surface Transportation - Proper Shipping Name - PAINT

DOT Hazard Class - 3

UN/NA Number - UN1263

UN Packing Group - III

IMO/IMDG (Ocean Transportation)

IMDG Shipping Name - PAINT

IMDG Hazard Class - 3, Sub Class - 3

IMDG Packing Group - III, System Reference Code - 1

Environmental Hazards

IMDG - Marine Pollutant - Yes, contains a copper compound

Special Precautions for User - Not Regulated

Transport in bulk according to Annex II of MARPOL 7378 and the IBC Code

Not Applicable

15. Regulatory Information

US federal regulations

This product is hazardous according to OSHA 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

US TSCA Section 12(b) Export Notification: For exportation, please follow directions provided by the Federal EPA on Export of Registered Pesticides.

Drug Enforcement Administration (DEA) (21 CFR 1308.11-15) - Not controlled

State regulations

This product contains a chemical or chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Note This product is registered with the Environmental Protection Agency for sale in the United States. Not for sale outside the U.S.

16. Other Information

HMIS® ratings

Health: 2

Flammability: 1

Physical hazard: 2

NFPA ratings

Health: 2

Flammability: 1

Instability: 0

Disclaimer

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. The manufacturer assumes no responsibility for injury to the vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, the manufacturer assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

Issue date

08-11-2015