



# TOTAL BOAT SAFETY DATA SHEET

## 1. Product and Company Identification

**Material name** TotalBoat TotalProtect Epoxy Primer Base Component  
**Version #** 01  
**Revision date** 08-13-2015  
**Product code** TB-9900 Grey Base, TB-9901 White Base  
**Product use** Marine Anticorrosive Epoxy Primer

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

**Emergency Call** INFOTRAC: 1-800-535-5053 (or go to [www.infotrac.net](http://www.infotrac.net))

## Hazards 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

## 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

Note : This is one component of a two component product. Read SDS of TotalBoat TotalProtect Epoxy Primer Cure before use.

## 3. Composition / Information on Ingredients

Components	CAS #	Percent
Epoxy Resin	25068-38-6	<18.0%
High Flash Naphtha	64742-94-5	>13.0%
Titanium Dioxide	13463-67-7	12.0%
Magnesium Silicate	14807-96-6	<15.0%
Barium Sulphate	7727-43-1	>12.0%
Mica	12001-26-2	<9.0%
Xylene	1330-20-7	<10.0%
Butanol	71-36-3	<4.0%

Mica - Potassium Aluminum Silicate

## 4. First Aid Measures

<b>Eye contact</b>	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.
<b>Skin contact</b>	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.
<b>Inhalation</b>	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.
<b>Ingestion</b>	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 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** - Carbon, Sulphur 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
Epoxy Resin (25068-38-6)	
STEL	Not Available
TWA	Not Available
High Flash Naphtha (64742-94-5)	
STEL	150 ppm
TWA	100 ppm
Titanium Dioxide (13463-67-7)	
STEL	Not Available
TWA	10 mg/M3
Magnesium Silicate (14807-96-6)	
STEL	Not Available
TWA	10 mg/M3
Barium Sulphate (7727-43-7)	
STEL	Not Available

TWA	Not Available
Mica (12001-26-2)	
STEL	Not Available
TWA	3 mg/M3
Xylene (1330-20-7)	
STEL	100 ppm
TWA	100 ppm
Butanol (71-36-3)	
STEL	100 ppm
TWA	100 ppm

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

Components	Type	Value
Epoxy Resin	PEL	Not Available
High Flash Naphtha	PEL	25 ppm
Titanium Dioxide	PEL	15 mg/M3
Magnesium Silicate	PEL	10 mg/M3
Barium Sulphate	PEL	5 mg/M3
Mica	PEL	3 mg/KG
Xylene	PEL	50 ppm
Butanol	PEL	300 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

<b>Appearance</b>	Liquid.
<b>Color</b>	Gray
<b>Odor</b>	Pleasant.
<b>Odor threshold</b>	Not available.
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>pH</b>	Not Applicable
<b>Melting point</b>	Not Applicable.
<b>Freezing point</b>	Not Applicable.
<b>Boiling point</b>	244 °F
<b>Flash point</b>	77-83 deg F.
<b>Evaporation rate</b>	Faster than water.
<b>Flammability limits in air, lower,</b>	1.0
<b>Vapor Pressure</b>	Unknown
<b>Vapor density</b>	Heavier than air
<b>Specific gravity</b>	1.44
<b>Solubility (water)</b>	Not Soluble.
<b>Partition coefficient (n-octanol/water)</b>	
No data available.	
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.

## 10. Chemical Stability & Reactivity Information

<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Conditions to avoid</b>	Contact with flames and high heat.
<b>Incompatible materials</b>	Strong acids and alkalis.
<b>Hazardous decomposition products</b>	- Carbon, Sulphur and Silicon Oxides
<b>Possibility of hazardous reactions</b>	- Hazardous decomposition will not occur

## 11. Toxicological Information

### Toxicological data

<b>Components</b>	<b>Test Results</b>
Epoxy Resin	Acute Data Not Available
Titanium Dioxide	Acute Data Not Available
High Flash Naphtha	Acute Dermal LD50 >3100 mg/Kg Acute Oral LD50 >2900 mg/Kg
Magnesium Silicate	Acute Oral LD50 10000 mg/Kg
Barium Sulphate	Acute Data Not Available

Mica	Acute Data Not Available
Xylene	Acute Oral LD50 5000 mg/Kg Acute Dermal LD50 1240 mg/Kg
Butanol	Acute Oral LD50 790 mg/Kg Acute Dermal LD50 3000 mg/Kg
Methyl Amyl Ketone	Acute Oral LD50 1600 mg/Kg Acute Dermal LD50 >2000 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
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No ingredients expected to be harmful to aquatic life Product does not contain any pesticides

**Ecotoxicity** - Not expected to 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 - No**

**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.

## **16. Other Information**

**HMIS® ratings**

Health: 2  
Flammability: 3  
Physical hazard: 2

**NFPA ratings**

Health: 2  
Flammability: 3  
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**

**08-13-2015**