



TOTALBOAT Safety Data Sheet -TotalBoat Razzo White Pigment

1 – PRODUCT IDENTIFICATION

Product Name: TotalBoat Razzo White Pigment

Product Number: TB-1299

Product Use: Pigment, Opacifying agent

DATE PREPARED: 5-5-15

DISTRIBUTOR: TOTALBOAT LLC

17 Peckham Drive, Bristol, RI 02809

(800) 497-0010

EMERGENCY PHONE: (800) 535-5053 (INFOTRAC)

2 – HAZARDS IDENTIFICATION

Classification of the chemical in accordance with Standard 29 CFR 1910.1200 (US-GHS)

Not classified

Label Elements (Hazard Communication Standard 29 CFR 1910.1200 (US-GHS))

Signal Word: **None: Non Hazardous**

GHS Pictogram(s)

Precautionary Statement: avoid ingestion, inhalation, skin and eye contact. Handle in accordance with good industrial hygiene practice and any legal requirements.

GHS Health Classification: Health Hazards Not Otherwise Classified (1)

Keep container tightly closed. Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Prevent dust accumulation

GHS Physical Classification: Hazards Not Otherwise Classified (1)

GHS Environmental Class: Not Classified

EU Statement: not classified

3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemical names	CAS No	Concentration
Titanium Dioxide	13463-67-7	>80%

Substance/Mixture: Substance

Synonym: TiO₂, Tioxide



Safety Data Sheet -TotalBoat Razzo White Pigment

4 – FIRST-AID MEASURES

Description of first aid measures

In case of inhalation: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical attention.

In case of skin contact: Rinse skin with water. If skin irritation occurs, get medical attention.

In case of eye: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation occurs, get medical advice.

In case of ingestion: Rinse mouth. Do not induce vomiting unless directed to do so by a physician. If you feel unwell, seek medical attention.

Most important symptoms/effects both acute and delayed: Not expected to present a significant hazard under anticipated conditions of normal use.

Indication of any immediate medical attention and special treatment needed: Treat symptomatically and supportively

5 – FIRE-FIGHTING MEASURES

Extinguishing Media: Suitable extinguishing media: Foam, water spray, dry chemical powder, carbon dioxide, or sand

Unsuitable extinguishing media: Do not use a heavy water stream

Flash point: Not applicable

Auto ignition temperature: Not applicable

Specific protective equipment and procedures for firefighters: Wear self contained breathing apparatus and protective clothing

Specific chemical hazards:

6 – ACCIDENTAL RELEASE MEASURES

Environmental precautions: Do not allow to enter surface water or drains. Ensure waste is collected and contained.

Methods for cleanup: On land sweep or shovel into suitable containers for disposal recovery. Minimize generation of dust.

7 – HANDLING and STORAGE

Storage: Pigments should not be stored in outside areas exposed to weather. Standard pallets, those containing paper or plastic bags can be stacked to a maximum of three high. When FIBC's are used they should be stacked to a maximum of two high. In all cases the protective cover or wrapping should remain in place during storage and only be removed immediately prior to use. Care should be taken to avoid exposure to moisture.

Handling: Avoid breathing dust. Wash thoroughly after handling. keep container tightly closed. Wear appropriate personal protective equipment as specified in Section 8. Provide adequate ventilation to minimize dust and/or vapor concentrations. Emptying of some flexible intermediate bulk containers can generate static electricity. Check Grounding and bonding requirements of the particular FIBC's before transferring material. Empty FIBC's by gravity only. Remove all wrapping prior to emptying FIBC's

Offloading from bulk tankers can generate static electricity. Systems should be adequately earthed and provided an earthing point for tankers.



TOTALBOAT Safety Data Sheet -TotalBoat Razzo White Pigment

In the manufacture of titanium dioxide, product is packaged at temperatures of approximately 100-120 degrees C. When pigment is shipped shortly after manufacture, it may stay hot for a very long time depending on ambient temperatures and inventory storage practices. Due to the potential of elevated pigment temperature, caution should be used. Each work environment must be assessed to determine hazards.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure limits

ACGIH TLV (United States, 6/2013).

TWA 10mg/m³ 8 hours

OSHA PEL (United States, 2/2013)

TWA: 15MG/M³ 8 hours, form total dust

Appropriate engineering controls: If needed use local exhaust ventilation to keep dust concentration below limits cited in this Section.

Personal Protective Equipment

Respiratory Protection: Use a properly fitted particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product, and the safe working limits of the selected respirator. Wear a respirator conforming to EN140 with type A/P2 filter or better.

Eye/Face protection: Wear appropriate chemical safety glasses/goggles.

Hand/Skin Protection: Wear appropriate protective gloves and clothing.

General Hygiene Considerations: Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

9 – PHYSICAL / CHEMICAL PROPERTIES

Appearance: powder

Physical State: solid

Color: white

Odor: slight

pH: not applicable

Melting Point: 1800°C

Boiling Point: NA

Flash point: Not applicable

Flammability (solid,gas): No specific fire or explosion hazard.

Explosive Properties: Not explosive

Vapor Pressure: Not applicable

Vapor Density (AIR=1): Not applicable

Density: 4.1g/cm³ [20C 68F]

Solubility in water: Insoluble

Partition Coefficient (n-octanol/water): NOT APPLICABLE

Auto-ignition temperature: Not applicable

Viscosity: Not applicable

10 – STABILITY and REACTIVITY

Reactivity: No hazardous reaction known under normal conditions of use

Chemical Stability: Stable under normal conditions

Hazardous Reactions: Stable under normal conditions



Safety Data Sheet -TotalBoat Razzo White Pigment

Conditions to avoid: Avoid creation of dust when handling and avoid all possible sources of ignition. Take precautionary measures against electrostatic discharges. To avoid fire or explosion dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Prevent dust accumulation.

Incompatible materials: no known incompatible materials

Hazardous Decomposition.: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 – TOXICOLOGICAL INFORMATION

Acute Toxicity: None

Acute Oral Toxicity: LD50 oral, rat: >10000 mg/kg

Acute Inhalation Toxicity: Rat-Male >6.82 mg/L

Chronic Toxicity: Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.

Irritation: Non-irritant

Sensitization: Non-sensitizing

Mutagenicity: Non-mutagenic

Carcinogenicity: No human carcinogen

Reproductive toxicity: No known significant effects or critical hazards on reproduction.

Aspiration hazard: Not applicable

12 – ECOLOGICAL INFORMATION

Ecotoxicity: Based on available data, the classification criteria are not met

LC50 (Fish 96 h) : > 32000 mg/L

Persistence and degradability: Not applicable (Inorganic substance)

Bioaccumulative potential: low

Mobility in soil: Not applicable

Results of PBT and vPvB assessment: The substance does not meet the criteria to be identified as PBT or vPvB

13 –DISPOSAL CONSIDERATIONS

Disposal considerations: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions, and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers.

14 – TRANSPORTATION INFORMATION

DOT: Not regulated, not dangerous good.

Transport by sea (IMO / IMDG): Not regulated. Not dangerous good

Air transport (ICAO/ IATA): Not regulated. Not dangerous good



TOTALBOAT Safety Data Sheet -TotalBoat Razzo White Pigment

15 - REGULATIONS

Contents of this SDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200

EPA SRA Title III Chemical Listings:

US Federal Regulations

TSCA Status: all components are listed or exempted

SECTION 302: None

SECTION 312

Acute: None

Chronic: None

Fire: None

Pressure: none

Reactive: None

SARA 313: none

Clean Water Act: not applicable

FDA: NA

US State Regulations

Pennsylvania-RTK: Titanium Dioxide

California Prop 65: Titanium dioxide (airborn, unbound particles of respirable size) is known to the state of California to cause cancer. This listing does not cover titanium dioxide when it remains bound in a product matrix.

Ingredient name: Titanium dioxide

Cancer: yes

Reproductive: no

International regulations

Canada

CEPA DSL: All components are listed or exempted.

WHMIS Classes: Class D-2A: Material causing other toxic effects. The decision by IARC leads directly to labelling with a D2A classification in Canada under their W.H.M.I.S. scheme. Such labelling is not required in other countries

Brazil Regulations

Classification system used: Norma ABNT-NBR 14725-2:2012

International lists:

Australia inventory (AICS):All components are listed or exempted.

China inventory (IECSC):All components are listed or exempted.

Japan inventory:All components are listed or exempted.

Korea inventory:All components are listed or exempted.

Malaysia inventory (EHS Register): Not determined

New Zealand Inventory of Chemicals (NZIoC): All components are listed or exempted.

Philippines inventory (PICCS): All components are listed or exempted.

Taiwan inventory: not determined



Safety Data Sheet -TotalBoat Razzo White Pigment

16 – OTHER INFORMATION

Additional Information: This Safety Data Sheet complies with OSHA Hazard Communication Standard 29 CFR 1910.1200 (HCS-2012) and its adaptation of United Nations 'Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

DISCLAIMER OF LIABILITY: The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.