



SAFETY DATA SHEET

TO COMPLY WITH OSHA HAZARD COMMUNICATION STANDARD 29 CFR.1910.1200 & THE GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELING OF CHEMICALS

1. Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product Identifier

Product Form: Color Paste
Substance Name: TOTALBOAT PIGMENT DISPERSION - BLACK
Product Code(s): TB-0006299402
Chemical Family: Coloring material
Synonyms: Not Available

1.2 Distributor

TOTALBOAT LLC
17 Peckham Drive
Bristol, RI 02809
T 800-497-0010
F 401-254-5829

1.3 Emergency Telephone Number

Emergency Number: INFOTRAC: 800-535-5053

2. Hazards Identification

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

2.1 Classification of the Substance or Mixture

Not classified

2.2 Label Elements

Signal Word (GHS-US):

No signal word

Hazard Statement:

No known significant effects or critical hazards

Precautionary Statements (GHS-US)

General

Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand

Prevention

Not applicable

Response:

Not applicable

Storage:

Not applicable

Disposal: P501-Dispose of contents and container in accordance with all local, regional, national and international regulations.

2.3 Other Hazards

Hazards not otherwise classified: None known

3. Composition/Information on Ingredients

3.1. Substances: Mixture

COMPONENT	CONCENTRATION (%)	CAS NUMBER
CARBON BLACK	≥10 - <25	1333-86-4

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupation exposure limits, if available, are listed in Section 8.

4. First Aid Measures

4.1. First Aid Measures

Inhalation: Move the victim to a safe area as soon as possible. Allow the victim to rest in a well-ventilated area. If breathing is difficult, — give oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Ingestion: Wash out mouth with water. Remove dentures if any. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Seek immediate medical attention.

Skin Contact: In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. If irritation persists, seek medical attention. Wash contaminated clothing before reuse. Clean shoes thoroughly before reuse.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Use of buffered baby shampoo will aid in removal. If irritation persists, get medical attention.

Most important symptoms/effects,

Acute and Delayed: EYE CONTACT: No known significant effects or critical hazards INHALATION: No known significant effects or critical hazards SKIN CONTACT: Repeated exposure may cause skin dryness or cracking

Over-exposure signs/symptoms: INGESTION: No known significant effects or critical hazards EYE CONTACT: No specific data INHALATION: No specific data SKIN CONTACT: No specific data INGESTION: No specific data

Notes for physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

SEE TOXICOLOGICAL INFORMATION (SECTION 11)

5. Fire Fighting Measures

EXTINGUISHING MEDIA

5.1. Suitable Extinguishing Media

Use dry chemical, CO₂, water spray (fog) or foam

5.2. Unsuitable Extinguishing Media

Do not use water jet

5.3. Special Hazards Arising from the Chemical

No specific fire or explosion hazard

5.4. Hazardous Thermal Decomposition Products

No specific data

5.5. Special protective actions for fire-fighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

5.6. Special protective equipment for fire-fighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

6.1. For non-emergency personnel

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Do not touch or walk through spilled material. Provide adequate ventilation.

6.2. For emergency responders

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. See also the information in 'For non-emergency personnel'

6.3. Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

Methods and materials for containment and cleaning up

6.4. Small spill

Sweep up and place in suitable clean, dry containers for reclamation or later disposal. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor.

6.5. Large spill

Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: See Section 1 for emergency contact information and Section 13 for waste disposal.

7. Handling and Storage

Precautions for safe handling

7.1. Protective measures

Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not breathe vapor or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible

material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

7.2. Advice on general occupational hygiene

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.3. Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Segregate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Refer to the product label and/or technical data sheet for further information.

8. Exposure Controls/Personal Protection

Control Parameters

8.1. Occupational Exposure Limits:

Component	Exposure Limits
Carbon Black	ACGIH TLV (United States, 3/2012). TWA: 3 mg/m ³ 8 hours. Form: Inhalable fraction OSHA PEL (United States, 06/2010). TWA: 3.5 mg/m ³ 8 hours. Form: NIOSH REL (United States, 6/2009). TWA: 3.5 mg/m ³ 10 hours TWA: 0.1 mg of PAHs/cm ³ 10 hours

Appropriate engineering controls: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

8.2. Individual protection measures

Eye/Face protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

Respiratory protection: Use a properly fitted, air-purifying or air-fed 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.



Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Ensure that eyewash stations and safety showers are close to the workstation location.

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection: Personal protective equipment for the body should be selected

Other skin protection:

based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Physical state:	Paste/Dispersion
Color:	Black
Odor:	Mild
Odor Threshold:	Not established
pH:	Not applicable
Evaporation rate:	Not established
Melting Point:	Not available
Boiling point:	>400°F (>204°C)
Flash point:	240°F (116°C)
Auto-ignition Temperature:	Not available
Decomposition Temperature:	Not available
Flammability (solid, gas):	Not applicable
Vapor pressure:	Not established
Vapor density:	Not established
Relative density:	1.0 – 2.1 (water=1)
Solubility:	Negligible
Partition coefficient N-Octanol/water:	Not available
Viscosity:	Not available
Molecular Weight:	Not available
Explosive Limits:	Not available

9.2. Other Information

None available

10. Stability and Reactivity

10.1. Reactivity

No specific test data related to reactivity available for this product or its ingredients

10.2. Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur

10.3. Chemical Stability

This product is stable. Stable under recommended storage and handling conditions (see Section 7)

10.4. Conditions to Avoid

Not applicable

10.5. Incompatible Materials

No specific information is available in our database

10.6. Hazardous Decomposition Products

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

11. Toxicological Information

11.1. Information on Toxicological Effects

Acute toxicity:

Component	Result	Species	Dose	Exposure
Carbon Black	LC50 Inhalation Dusts and mists	Rat	6750 mg/m ³	4 hours
	LD50 Dermal	Rabbit	>3000 mg/kg	-----
	LD50 Oral	Rat	>15400 mg/kg	-----

Irritation/Corrosion: Not available

Sensitization: No data on skin sensitization due to this product

Carcinogenicity

Component	ACGIH	IARC	NTP
Carbon Black	-----	2B	-----

Classification: None of the components are listed
Mutagenicity: No mutagenic effect
Reproductive toxicity: Not considered to be toxic to the reproductive system
Teratogenicity: No known effect according to our database
Specific target organ toxicity (single exposure): No known effect according to our database
Specific target organ toxicity (repeated exposure): No known effect according to our database
Aspiration hazard: No known effect according to our database
Potential acute health effects
Eye contact: No known significant effects or critical hazards
Inhalation: No known significant effects or critical hazards
Skin contact: Repeated exposure may cause skin dryness or cracking
Ingestion: No known significant effects or critical hazards

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact: No specific data
Inhalation: No specific data
Skin contact: No specific data
Ingestion: No specific data

12. Ecological Information

12.1. Toxicity

Not available

12.2. Persistence and Degradability

Not available

12.3. Bio-Accumulative Potential

Not available

12.4. Mobility in Soil

Not available

12.5. Other Adverse Effects

No known effect according to our database

13. Disposal Considerations

13.1. Waste Treatment Methods

Disposal methods: The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. 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. Avoid disposal. Attempt to use product completely in accordance with intended use. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions: 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. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

14. Transport Information

14.1 UN Number

UN-No. (DOT): Not regulated

14.2 UN Proper Shipping Name

DOT Proper Shipping Name: Not regulated

DOT Hazard Class:
 Environmental hazards:
 Packing Group (DOT):
 Special precautions for user:

Not regulated
 Marine Pollutant: NO
 Not regulated

Transport within user's premises: Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident of spillage.

14.3 Additional Information

Other Information:

US regulations require the reporting of spills when the amount exceeds the Reportable Quantity (RQ) for specific components of this material. See CERCLA in Section 15, Regulatory Information, for the Reportable Quantities

IMDG: No additional information

IATA: No additional information

15. Regulatory Information

15.1. Inventories (National and International)

United States Inventory (TSCA 8b): All Components are listed or exempted.
Australia: All Components are listed or exempted.
Canada: All Components are listed or exempted.
China: All Components are listed or exempted.
Europe: Not Determined.
New Zealand: All Components are listed or exempted.
Philippines: All Components are listed or exempted.
Japan: Not determined
Malaysia: Not determined
Republic of Korea: All Components are listed or exempted.
Taiwan: Not determined.

SARA 311/312

Composition/information on ingredients

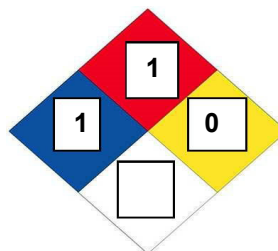
Name	Fire Hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
Carbon Black	No	No	No	No	Yes

State regulations

California Prop. 65:

No ingredients listed

15. Other Information



HMIS III Rating

Health:

2-Moderate Hazard

Flammability:

3-Serious Hazard

Physical:

1-Slight Hazard

Personal Protection: C

Comments:

Information in this SDS is from available published sources and is believed to be accurate. No warranty, express or implied, is made and TOTALBOAT LLC assumes no liability resulting from the use of this SDS. Users must determine suitability of this information for their application.