



# SAFETY DATA SHEET

## 1. Identification

Product identifier	TotalBoat Razzo Mineral Powder - Part B
Other means of identification	
Part numbers	TB-1283, TB-1284, TB-1285
Synonyms	Modified Gypsum Powder
Recommended use	Base
Recommended restrictions	Use in accordance with manufacturer's recommendations.
Distributor information	
Distributor name	TOTALBOAT LLC
Address	17 Peckham Drive Bristol, RI 02809
Telephone	1-800-497-0010
Website	www.totalboat.com
Emergency phone number	Infotrac - 800-535-5053

## 2. Hazard(s) identification

Physical hazards	Not classified.
Health hazards	Not classified.
OSHA defined hazards	Not classified.
Label elements	
Hazard symbol	None.
Signal word	None.
Hazard statement	None.
Precautionary statement	
Prevention	Observe good industrial hygiene practices.
Response	Get medical attention/advice if you feel unwell.
Storage	Store as indicated in Section 7.
Disposal	Dispose of in accordance with local, state, and federal regulations.
Hazard(s) not otherwise classified (HNOC)	None known.

## 3. Composition/information on ingredients

### Mixtures

Chemical name	CAS number	%
Plaster of Paris (Calcium Sulfate Hemihydrate CAS 10034-76-1)	26499-65-0	> 95

All concentrations are in percent by weight.

## 4. First-aid measures gelatin solutions or large volumes of water may delay setting

Inhalation	Dust irritates the respiratory system and may cause coughing and difficulties in breathing. Move injured person into fresh air and keep person calm under observation. Get medical attention if symptoms persist.
Skin contact	Contact with dust: Rinse area with plenty of water. Get medical attention if irritation develops or persists.
Eye contact	Dust in the eyes: Do not rub eyes. Flush thoroughly with water. If irritation occurs, get medical assistance.
Ingestion	Plaster of Paris hardens and if ingested may result in stomach and intestinal blockage. Drinking gelatin solution or large
Most important symptoms/effects, acute and delayed	volumes of water may delay setting. Under normal conditions of intended use, this product is not expected to be a health risk. Dust may irritate throat and respiratory system, and cause coughing.
Indication of immediate medical attention and special treatment needed:	Provide general supportive measures and treat symptomatically.



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General Information:

Ensure that medical personnel are aware of the material(s) involved.

## 5. Fire-fighting measures

Suitable extinguishing media  
Unsuitable extinguishing media  
Specific hazards arising from the chemical  
Special protective equipment and precautions for firefighters

Provide general supportive measures and treat symptomatically,  
Ensure that medical personnel are aware of the material(s) involved.  
Use fire-extinguishing media appropriate for surrounding materials.  
Not applicable.  
Not a fire hazard.

Fire-fighting Equipment/instructions  
Specific Methods

Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire-fighting equipment/instructions  
Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials.  
Cool material exposed to heat with water spray and remove it if no risk is involved.

## 6. Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures.  
Methods and materials for containment and cleaning up

See Section 8 of the SDS for Personal Protective Equipment

Vacuum up the spilled material. Vacuums used for this purpose should be equipped with HEPA filters. Containers must be labeled. Collect in approved containers and seal securely. For waste disposal, see Section 13 of the SDS.

Environmental precautions

Avoid discharge to drains, sewers, and other water systems.

## 7. Handling and storage

Precautions for safe handling

Minimize dust production when mixing or opening and closing bags. Avoid inhalation of dust. Wear appropriate personal protective equipment. Wash hands after handling. Observe good industrial hygiene practices and use appropriate lifting techniques.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated place. Store away from incompatible materials. Avoid contact with acids, water, and moisture.

## 8. Exposure controls/personal protection

Occupational exposure limits

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

COMPONENT	TYPE	VALUE	FORM
Plaster of Paris (Calcium Sulfate Hemihydrate CAS 10034-76-1) (CAS 26499-65-0)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.

US. ACGIH Threshold Limit Values

COMPONENT	TYPE	VALUE	FORM
Plaster of Paris (Calcium Sulfate Hemihydrate CAS 10034-76-1) (CAS 26499-65-0)	TWA	10 mg/m3	Inhalable fraction.

US. NIOSH: Pocket Guide to Chemical Hazards

COMPONENT	TYPE	VALUE	FORM
Plaster of Paris (Calcium Sulfate Hemihydrate CAS 10034-76-1) (CAS 26499-65-0)	TWA	5 mg/m3	Respirable.
		10mg/m3	Total



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Biological limit values  
Appropriate engineering

No biological exposure limits noted for the ingredient(s).  
Provide sufficient ventilation for operations causing dust formation. Observe occupational exposure limits and minimize the risk of exposure.

controls

## Individual protection measures, such as personal protective equipment

Eye/face protection	Wear approved safety goggles.
Skin protection	
Hand protection	It is a good industrial hygiene practice to minimize skin contact. For prolonged or repeated skin contact use suitable protective gloves.
Other	Normal work clothing (long sleeved shirts and long pants) is recommended.
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. Use a NIOSH/MSHA approved air purifying respirator as needed to control exposure. Consult with respirator manufacturer to determine respirator selection, use, and limitations. Use positive pressure, air-supplied respirator for uncontrolled releases or when air purifying respirator limitations may be exceeded. Follow respirator protection program requirements (OSHA 1910.134 and ANSI Z88.2) for all respirator use.

Thermal hazards

None.

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 separately from regular wash. Observe any medical surveillance requirements.

## 9. Physical and chemical properties

Appearance

Physical state	Solid.
Form	Powder.
Color	White to off-white.

Odor

Low to no odor.

Odor threshold

Not applicable.

pH

6-8

Melting point/freezing point

Not applicable.  
Not applicable.

Initial boiling point and boiling range

Not applicable.

Flash point

Not applicable.

Evaporation rate

Not applicable.

Flammability (solid, gas)

Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower

Not applicable.

Flammability limit - upper

Not applicable.

Explosive limit - lower (%)

Not applicable.

Explosive limit - upper (%)

Not applicable.

Vapor pressure

Not applicable.

Vapor density

Not applicable.

Relative density

2.96 (H2O=1)

Solubility(ies)

Solubility (water)

0.15 - 0.4 g/100 g (H2O)

Partition coefficient (n-octanol/water)

Not applicable.

Auto-ignition temperature

Not applicable.



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Decomposition temperature applicable.

2642 °F (1450 °C) Viscosity Not

## Other information

Bulk density 55 - 70 lb/ft<sup>3</sup>  
Particle size Varies.  
VOC (Weight %) 0%

## 10. Stability and reactivity

Reactivity Not available.  
Chemical stability Material is stable under normal conditions.  
Possibility of hazardous reactions Hazardous polymerization does not occur.  
Conditions to avoid When mixed with water this product can become very hot. Encasing or making molds of any body part can cause serious burns that may require surgical removal of affected tissue and even amputation of encased body part.  
Incompatible materials Acids. Exposure to water and acids must be supervised because the reactions are vigorous and produce large amounts of heat.  
Hazardous decomposition products Calcium oxides. Sulfur oxides.

## 11. Toxicological information

### Information on likely routes of exposure

Ingestion Ingestion may cause irritation and stomach discomfort.  
Inhalation Airborne dust may irritate throat and upper respiratory system causing coughing.  
Skin contact Under normal conditions of intended use, this product does not pose a skin hazard.  
Eye contact Direct contact with airborne particulates may cause temporary irritation.

Symptoms related to the physical, chemical and toxicological characteristics Dust may irritate eyes and mucous membranes of the nose, throat and upper respiratory system causing sneezing and/or coughing.

### Information on toxicological effects

Acute toxicity Not expected to be a hazard under normal conditions of intended use.  
Skin corrosion/irritation Not a skin irritant.  
Serious eye damage/eye irritation Direct contact with eyes may cause temporary irritation.

### Respiratory or skin sensitization

Respiratory sensitization Not expected to cause respiratory sensitization based on non-skin sensitization history.  
Skin sensitization Not a skin sensitizer. Plaster of Paris has displayed little sensitization potential.

Germ cell mutagenicity No evidence of mutagenicity found in Ames bacterial tests.

Carcinogenicity This material is not classified as a carcinogen by IARC, ACGIH, NTP or OSHA.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)  
Not listed.

Reproductive toxicity Not expected to be a reproductive hazard.

Specific target organ toxicity single exposure No data available, but none expected.

Specific target organ toxicity repeated exposure No data available, but none expected.

Aspiration hazard Due to the physical form of the product, it is not an aspiration hazard.

Chronic effects No other specific acute or chronic health impact noted.

## 12. Ecological information

Ecotoxicity The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.



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Components	Species	Test Results
Plaster of Paris (Calcium Sulfate Hemihydrate CAS 10034-76-1) (CAS 26499-65-0)		
<b>AQUATIC</b>		
Fish	LC50	Fathead minnow (Pimephales promelas) > 1970 mg/l, 96 hours
Persistence and degradability	Calcium sulfate dissolves in water forming calcium and sulfate ions.	
Bioaccumulative potential	Bioaccumulation is not expected.	
Mobility in soil	No data available.	
Other adverse effects	None expected.	

## 13. Disposal considerations

Disposal instructions Dispose in accordance with applicable federal, state, and local regulations. Recycle responsibly.

Local disposal regulations Dispose of in accordance with local regulations. Hazardous waste code Not regulated.

Waste from residues I unused Dispose of in accordance with local regulations. products

Contaminated packaging Dispose of in accordance with local regulations.

## 14. Transport information

DOT  
Not regulated as dangerous goods.

IATA  
Not regulated as dangerous goods.

IMDG  
Not regulated as dangerous goods.

Transport in bulk according to Not applicable. This product is a solid. Therefore, bulk transport is governed by IMSBC code. Annex II of MARPOL 73178 and the IBC Code

## 15. Regulatory information

US federal regulations This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)  
Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4) Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Hazard categories Immediate Hazard - No

Delayed Hazard - No

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard - No

SARA 302 Extremely hazardous substance  
Not listed,

SARA 311/312 Hazardous No chemical

SARA 313 (TRI reporting) Not regulated.

### Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) Not regulated

Safe Drinking Water Act (SDWA) Not regulated.

### US state regulations

US. Massachusetts RTK - Substance List  
Plaster of Paris (Calcium Sulfate Hemihydrate CAS 10034-76-1) (CAS 26499-65-0)

US. New Jersey Worker and Community Right-to-Know Act



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Plaster of Paris (Calcium Sulfate Hemihydrate CAS 10034-76-1) (CAS 26499-65-0)

US. Pennsylvania Worker and Community Right-to-Know Law

Plaster of Paris (Calcium Sulfate Hemihydrate CAS 10034-76-1) (CAS 26499-65-0)

US. Rhode Island RTK Not regulated.

US. California Proposition 65

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Not listed.

## International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

Issue date August 6, 2014

Revision date January 20, 2023

Version # 01

Further information Plaster of Paris: Is classified as a hazardous substance but is generally considered a safe material for routine use. When plaster of Paris is used responsibly it is not considered as a dangerous material. However, when mixed with water this product can become very hot. DO NOT attempt to make a cast enclosing any part of the body. Encasing any body part can cause serious burns and even amputation of the encased body part.

### NFPA Ratings:

Health: 1

Flammability: 0

Physical hazard: 0

Hazard Scale: 0 = Minimal 1 -- Slight 2= Moderate 3 = Serious 4 --- Severe

HMIS@ ratings Health: 0

Flammability: 0

Physical hazard: 0



NFPA ratings

Disclaimer

This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.