

MATERIAL SAFETY DATA SHEET
Titanium Dioxide



1. Identification of Substance, Preparation and Company

Product Name: Titanium Dioxide
Product Reference: 169

Company Name: Bathbomb.biz limited
Company Address: Unit 4 Bessemer Park
Bessemer Road
Basingstoke
Hampshire
RG21 3NB

Emergency Phone Number: 01256 474889

2. Composition Information on Ingredients

Definition / Botanical Origin: Pigment White 6 - C.I. 77891, contains TiO₂
CAS No. 13463-67-7
EINECS: 2366755
INCI: CI77891

3. Hazards Identification

Not classified as dangerous. Should be treated as a nuisance dust. No adverse environmental effects are known to result from the use of titanium dioxide pigments. They are insoluble and in the environment are practically inert materials

4. First Aid Measures

Inhalation: Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

Eye Exposure: Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist.

Skin Contact: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

Ingestion: Rinse mouth out with water. Seek medical advice **immediately**

Others: Take Risk and Safety phrases (section 15) into consideration.



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5. Fire Fighting Measures

Extinguishing Media Recommended: Use Water Mist, CO₂, Dry Powder or Foam Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

Special Measures: No special hazards. Titanium dioxide pigments do not burn.

6. Accidental Release Measures

Personal precautions: Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages..

Environmental precautions: None

Cleaning up methods for spillages: Vacuum up and wash spill site. Observe state, federal & local disposal regulations.

7. Handling and Storage

Precautions in handling: Apply good manufacturing and industrial hygiene practices ensuring proper ventilation. Do not drink, eat or smoke while handling. Observe good personal hygiene.

Storage conditions: Store in closed original container, at room temperature (15-25 degC) & protect from sunlight and moisture..

Fire protection: No special hazards. Titanium dioxide pigments do not burn.

8. Exposure Controls / Personal Protection

Respiratory protection: Avoid breathing product vapour. Apply local ventilation where possible.

Ventilation: Ensure good ventilation of working area.

Hand protection: Avoid all skin contact. Use chemically resistant gloves if required.

Eye protection: Wear safety glasses.

Work/Hygiene practices: Wash hands with soap & water after handling. Use skin moisturisers.

9. Physical and Chemical Properties

Colour / Appearance: white powder

Odour: Essentially odourless

Solubility in water: Insoluble

Density: 3.9 g/cm³ approx



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10. Stability and Reactivity

Stability: Excellent
Decomposition: No Hazardous Decomposition Products or Hazardous Exothermic Reaction

11. Toxicological Information

Non toxic
After skin contact : Irritation not expected
After eye contact : Irritation possible through mechanical action of dust particles.
After inhalation : Prolonged exposure may cause discomfort to respiratory tract.

12. Ecological Information

Biodegradability: Not biodegradable. Insoluble. Can be removed by filtration or sedimentation.
Precautions: Prevent surface contamination of soil, ground & surface water.

13. Disposal Considerations

- Dispose of according to local regulations
- Avoid disposing into drainage systems and into the environment

14. Transport Information

Road (ADR/RID): Not applicable
Air (IATA): Not applicable
Sea (IMDG): Not applicable
CHIP: See section 15

15. Regulatory Information (According to Directive 88/379/EEC)

Hazards: Not applicable
Symbols: Not applicable
Risk Phrases: Not applicable
Safety Phrases: Not applicable

Dust: Long term total dust: 10 mg.m⁻³ - 8 hr TWA
Respirable dust: 4 mg/m⁻³ - 8 hr TWA



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16. Other Information

16.1. Packaging

Type	Suitability
Glass:	Yes
Lacquer lined steel / tin:	Yes
Aluminium:	Yes
HDPE:	Yes
F/HDPE:	Yes
Other plastic:	Yes

16.2. Shelf Life

When stored within advised conditions, re-test after 12 months then at 6 monthly intervals up to a maximum life of 36 months.

16.3. QC Requirements

In-line with general product specification. Always satisfy suitability for specific application.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use..

Should you have any questions relating to the use of this product, please contact bathbomb.biz Ltd either by phone (01256 474889) or by email (fizzy@bathbomb.biz) .

