



Prima Mica
Unit A, 64 High Street
Shepton Mallet, Somerset
BA4 5AX
UK
Tel: +44 (0)1458 851216
Email: info@primamica.co.uk

MATERIAL SAFETY DATA SHEET

1. SUBSTANCE/PREPARATION AND THE COMPANY

DESCRIPTION NAME: TITANIUM DIOXIDE
COLOUR INDEX: CI 77891
SUPPLIER: MINERAL MAKEUP INGREDIENTS

2. COMPOSITION/INFORMATION ON INGREDIENTS

TITANIUM DIOXIDE CAS # 13463-67-7

This product is not considered to be a hazardous substance as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200).

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

No known hazards associated with this product.
Inorganic pigments will not burn when involved in a fire.

4. FIRST AID MEASURES

EYE CONTACT

Flush eyes thoroughly with large amounts of water for at least fifteen minutes. Get medical attention.

SKIN CONTACT

Wash skin with soap and water. Remove severely contaminated clothing and clean before reuse. Seek medical attention in the unlikely event that irritation occurs.

INHALATION

Remove to fresh air. Get medical attention if breathing is difficult.

INGESTION

Do not give anything by mouth to an unconscious person. Do not induce vomiting. Get immediate medical attention.

5. FIRE FIGHTING MEASURES

Nonflammable inorganic pigment product.



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Extinguishing Media

Carbon dioxide, dry chemical or foam recommended. Apply water spray to cool exposed closed containers.

Special Fire-Fighting Procedures

Self-contained breathing apparatus (SCBA) and full protective equipment recommended.

Unusual Fire and Explosion Hazards

This product will not burn.

General Hazard

This inorganic pigment will not burn, and has a low level of fire hazard.

FLAMMABILITY DATA

Flash Point:	Non-flammable material
Flammability Limits:	Not applicable
Autoignition Temperature:	Not applicable
Dust Cloud Ignition Temperature:	Not applicable
Dust Layer Ignition Temperature:	Not applicable

NFPA	RATINGS	HMIS	RATINGS
Health:	1	Health:	1
Flammability:	0	Flammability:	0
Reactivity:	0	Reactivity:	0

6. ACCIDENTAL RELEASE MEASURES

Small Spill

For dry powder spills, inert materials such as sand may be added to control dusting prior to cleanup. Industrial grade vacuum sweepers are also recommended. Place spilled material into appropriate waste containers for disposal.

Large Spill

Contain spilled material immediately with an inert substance such as sand or earth. Use plastic or aluminum shovel to transfer diluted waste material into appropriate containers for disposal.

7. HANDLING AND STORAGE

Handling



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Avoid employee exposure through the use of appropriate engineering controls and good industrial hygiene practices.

Storage

Store in a moderately cool, dry, well-ventilated area away from direct sources of heat. Empty containers may contain product residues and should be handled appropriately. Position containers so that any labeling information is visible.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

The use of local exhaust ventilation is recommended.

Personal Protection

NIOSH approved dust respirators are recommended when handling in areas of pigment dusting. Safety glasses are also recommended. Impervious clothing should be worn when gross contact is likely, such as when cleaning up spills of large amounts.

Exposure Limits

There are no ACGIH TLV's or OSHA PEL's established for this product.

The OSHA PEL for nuisance dust is 15 mg/m³ (total dust), and 5 mg/m³ (respirable dust) recommended. The recommended ACGIH TLV for nuisance dust is 10 mg/m³.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Finely divided powder
COLOR:	White
MELTING POINT:	No data
DENSITY:	2.3-2.7g/ml
SOLUBILITY:	Insoluble
VAPOR PRESSURE:	Not applicable
MOLECULAR FORMULA:	TiO ₂
VOLATILE ORGANIC COMPOUNDS (VOC's):	None

10. STABILITY AND REACTIVITY

GENERAL:

This product is a stable compound and hazardous polymerization will not occur.



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INCOMPATIBILITY:

None known under conditions of normal use.

HAZARDOUS DECOMPOSITION PRODUCTS:

None known.

11. TOXICOLOGICAL INFORMATION

GENERAL

Based upon industry-wide experience over many years of manufacturing and published toxicological studies, many inorganic pigments in general are considered to be practically non-toxic. This low order of toxicity is probably due to the fact that inorganic pigments are somewhat inert and insoluble substances.

ACUTE (SHORT-TERM) TOXICITY

No known published data available.

CHRONIC (LONG-TERM) TOXICITY

No known published data available.

MUTAGENICITY

No known published data available.

12. ECOLOGICAL INFORMATION

This product has not been evaluated for its eco-toxicity. However, the biodegradation of inorganic colorants under aerobic conditions is expected to be poor and there is no evidence to suggest they create any significant ecological problems when released into the environment. Since inorganic pigments are mostly insoluble compounds, they are believed to have minimal bioaccumulation and bioavailability characteristics.

13. DISPOSAL CONSIDERATIONS

General

This product must be disposed of in accordance with all applicable federal, state and local regulations.

Waste Management

- Incineration or land filling are recommended disposal techniques. Contact the state or local environmental agency for specific rules.
- This product is not identified as a RCRA hazardous waste under 40 CFR 261, and is not regulated under CERCLA (Superfund).

14. TRANSPORT INFORMATION

D.O.T. SHIPPING NAME (49 CFR 172.101-102).....: Not regulated



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D.O.T. HAZARD CLASS (49 CFR 172.101-102).....: None
D.O.T. LABEL.....: None
D.O.T. PLACARD.....: None
BILL OF LADING DESCRIPTION.....: Dry Pigments
CERCLA SUBSTANCE (49 CFR).....: Not regulated
REPORTABLE QUANTITY (RQ).....: None

INTERNATIONAL

UN/NA NUMBER.....: Not regulated
IMDG/IACO CLASSIFICATION.....: Not regulated
IATA CLASSIFICATION.....: Not regulated

15. REGULATORY INFORMATION

OSHA Hazard Communication Standard Status

This product is not considered to be a hazardous substance under OSHA's Federal Hazard Communication Standard 29 CFR 1910.1200.

Toxic Substances Control Act (TSCA) Status

All of the ingredients of this material have been reported to the U.S. EPA and are included in the TSCA chemical inventory.

SARA Title III

Section 302 (EHS).....: NONE
Section 311/312 (Acute).....: NONE

RCRA

Not regulated as a hazardous waste under RCRA.
EINECS No.: 236-675-5

16. OTHER INFORMATION

This MSDS has been prepared by the manufacturer - 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 supplier assumes no responsibility for personal injury or property damage caused by the material. Users assume all risks associated with the use of the material.