



SAFETY DATA SHEET (SDS)

TKB TRADING, LLC
1101 9th Avenue
Oakland, CA 94606
Tel: 510-922-9027
www.tkbtrading.com

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

FDA DESCRIPTION NAME: TITANIUM DIOXIDE
PRODUCT NAME: TITANIUM DIOXIDE WATER DISPERSIBLE
COLOUR INDEX NAME: C.I. PIGMENT WHITE 6 COLOUR
INDEX NUMBER: 77891

USE DESCRIPTION

Purified colors are colorants manufactured for use in a variety of food, drug, and cosmetic applications. These products include U.S. Certified Organic Colorants, Purified Inorganic Colorants, and Non-Certified Organic Colorants, and are produced to the highest purity standards possible.

SUPPLIER:

TKB TRADING, LLC
1101 9th Avenue
Oakland, CA 94606
Tel: 510-451-9011
www.tkbtrading.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

TITANIUM DIOXIDE C.A.S.# 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.

SAFETY DATA SHEET (SDS)

5. FIRE FIGHTING MEASURES

Nonflammable inorganic pigment product.

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

Health:	1
Flammability:	0
Reactivity:	0

HMIS RATINGS

Health:	1
Flammability:	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

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

SAFETY DATA SHEET (SDS)

7. HANDLING AND STORAGE (Continued)

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 labelling 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
SOLUBILITY: Insoluble
PERCENT VOLATILE: None
VAPOR PRESSURE: Not applicable
BOILING POINT: No data
MOLECULAR FORMULA: TiO₂
VOLATILE ORGANIC COMPOUNDS (VOC's): None

10. STABILITY AND REACTIVITY

GENERAL:

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

INCOMPATIBILITY:

None known under conditions of normal use.

SAFETY DATA SHEET (SDS)

10. STABILITY AND REACTIVITY (Continued)

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 ecotoxicity. 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 landfilling 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).

SAFETY DATA SHEET (SDS)

14. TRANSPORT INFORMATION

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

Prepared by: TKB TRADING, LLC

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to appropriate safety precautions. It does not represent a warranty of any product properties and we assume no liability for any loss or injury which may result from the use of this information. Users should conduct their own investigations to determine the suitability of the information. END OF DATA SHEET.