



MATERIAL SAFETY DATA SHEET

Titanium Dioxide

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product name: Titanium Dioxide

Company: Shanghai Zhongjing International Trade Co., Ltd.

Address: Floor 18, NO.2, Lane 198, Tianshan Road, Shanghai, China

Zip Code:200336

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Date: Jan.25,2020

SECTION 2 INFORMATION ON INGREDIENTS

Product name: Titanium Dioxide

| Ingredient | Concentration | CAS No. |
|------------------|---------------|------------|
| Titanium Dioxide | 91-99% | 13463-67-7 |

SECTION 3 HAZARDS IDENTIFICATION

Hazards Identification: This substance is considered to be non-hazardous for transport.

Emergency Overview:

Caution: Avoid inhalation and contact.

SECTION 4 FIRST-AID MEASURES

Skin Exposure: In case of contact, immediately wash skin with soap and copious amounts of water. If irritation persists, call a physician.

Eye Exposure: In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation persists, call a physician.

Inhalation Exposure: If inhaled, remove to fresh air. If necessary, get medical attention.

Oral Exposure: If swallowed, immediately wash out mouth with water provide person is conscious. Call a physician.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media:

Suitable: Water spray, Dry chemical, Carbon dioxide or appropriate foam.

**Firefighting:**

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Procedure of Personal Precautions:

Exercise appropriate precautions to minimize direct contact with skin and eyes.

Methods for cleaning up:

Sweep up with spade and transfer to a dry, clean, lidded container for disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

SECTION 7 HANDLING AND STORAGE

Handling:

Wear appropriate protective clothing and gloves. Avoid breathe dust. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Mechanical exhaust required. Keep away from ignition sources, heat and flame. Incompatibilities: strong acids and food. No smoking at working site.

Storage:

Store in a cool, well-ventilated area. Keep away from ignition source, heat and flame. Store in a tightly closed container. Incompatibilities: strong acids and food.

SECTION 8 EXPOSURE CONTROL/PPE

Engineering Controls: Use ventilation equipment if available. Safety shower and eye bath.

Personal Protective Equipment:

Respiratory: Wear dust mask. **Eye:**

Wear chemical safety goggles.

Clothing: Wear appropriate protective clothing.

Hand: Wear compatible protective gloves.

Other Protect: No smoking, drinking and eating at working site. Wash thoroughly after handling.

Exposure Limits:

| Country | Source | Type | Value |
|---------|--------|------|--|
| USA | ACGIH | TWA | 10mg/m ³ |
| USA | OSHA | PEL | 8H TWA 15 mg/m ³ , total dust |

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

Appearance: White powder

Order: Odorless

pH: 6.5~8.5

MP/MP Range: >300 °C

Solubility: Hardly soluble in water, hardly soluble in acetone and ethanol



SECTION 10 STABILITY AND REACTIVITY

Stability: Stable under normal temperatures and pressures.

Materials to Avoid: Strong acids.

Hazardous Polymerization: Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

Toxicity Data: Oral Rat LD₅₀ > 10,000mg/kg

Skin Rabbit LD₅₀ > 10,000mg/kg

Irritation Data: No data available.

SECTION 12 ECOLOGICAL INFORMATION

No data available.

SECTION 13 DISPOSAL CONSIDERATIONS

Appropriate Method of Disposal of substance:

Spent or discarded material is not considered to be hazardous waste. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

SECTION 14 TRANSPORT INFORMATION

DOT

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA

NON-Hazardous for Air Transport: Non-Hazardous for air transport.

IMO

NON-Hazardous for Sea Transport: Non-Hazardous for sea transport.

UM Number: None

SECTION 15 REGULATORY INFORMATION

United States Regulatory Information

SARA Listed: No

TSCA Inventory Item: Yes

Canada Regulatory Information

DSL: Yes

NDSL: No



SECTION 16 OTHER INFORMATION

Date: Jan.25,2017

Department: The Inspection Laboratory of Shanghai Zhongjing International Trade Co.,Ltd.

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Revision: 0

Other Information

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