



Safety Data Sheet

Version Number: 3

Titanium dioxide RT-300

Revision Date: 30.04.2013

1. Identification of the substance / mixture and of the company / undertaking

Product Name: Titanium dioxide RT-300

Company: Handsome Chemical Limited.
Rm 609, 6/F, Sun Fung Centre, 88 Kwok Shui Road,
Kwai Chung, N.T., H.K.
Tel : +852-24223222
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2. Hazards Identification

GHS classification: Does not belong to chemical product of the GHS sort area.

Health danger effect: In the air the dust inhales excessively can have the breath barrier.

Acute disease: Does not have.

Environmental effect: Color change.

Physical and chemical properties harm: In fire law combustible substance of the classified, source of fire attention.

Special harm: Does not have.

3. Composition / Information on Ingredients

Chemical Characterization: Titanium dioxide

Components	CAS No.	Percent
Titanium dioxide	13463-67-7	86 - 97
Silicon dioxide	7631-86-9	0 - 15
Aluminium hydroxide	21645-51-2	0 - 10
Zirconium dioxide	1314-23-4	0 - 2

4. First-Aid Measures

If inhaled: Move to fresh air. If necessary give oxygen and seek medical attention.

On skin contact: Wash thoroughly with soap and water.

On contact with eyes: Rinse opened eye for several minutes under running water.

On ingestion: Rinse out mouth and then drink plenty of water.

5. Fire-Fighting Measures

Extinguishing Media: Non flammable organic pigment product.

Suitable extinguishing media: Dry powder, foam.

Not suitable: Carbon dioxide.

6. Accidental Release Measures

Personal precautions: Do not ingest or breathe in. Avoid contact with skin, eyes and clothing.

Environmental precautions: Prevent contamination of soil, drains and surface waters.

Measures in Case of Spillage: Take up mechanically and collect in suitable container for disposal, Avoid dust formation. Prevent product from entering drains. Wear protective clothing and breathing apparatus.

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7. Handling and Storage

Handling and equipments:	Use hand gloves, avoid dusting.
Protection against fire and explosion:	Direct heat source or flame should be avoided.
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:	Local exhaust ventilation is recommended.
Personal protection:	Particulate respirator must be worn if exposed to dust. Safety glasses are also recommended. Impervious clothing should be worn when gross contact is likely, such as when cleaning up spill of large amounts.
Workplace Hygiene:	Keep away from food and drink. Follow good industrial hygiene practice.

9. Physical and Chemical Protection

Form:	Powder
Colour:	White
Odour:	Slight
pH value:	Not Applicable
Flash point:	Not Applicable
Vapor Pressure:	Not Applicable
Water solubility:	Insoluble

10. Stability and Reactivity

Chemical Stability:	The product is stable if stored and handled as prescribed/indicated.
Hazardous decomposition products:	Carbon oxides, nitrogen oxides, toxic gases/vapours
Incompatibility:	No further relevant information available.

11. Toxicological Information

Acute toxicity:	
on the skin:	No irritant effect.
on the eye:	No irritant effect.
Sensitization:	No sensitizing effects known.

12. Ecological Information

Biodegrade, in Aqueous Systems:	Barely water soluble product (not tested).
Environmental Impact Statement:	Based on studies from similar products is not expected to pose a hazard to the environment.

13. Disposal Considerations

Waste treatment methods	Must be disposed of or incinerated in accordance with local regulations.
Contaminated packaging:	Uncontaminated packaging can be re-used.

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14. Transport Information

Land transport (ADR-RID):	Not classified as a dangerous good under transport regulations.
Sea transport (IMDG):	Not classified as a dangerous good under transport regulations.
Air transport (ICAO-IATA):	Not classified as a dangerous good under transport regulations.

15. Regulatory Information

Chemical safety assessment:	A Chemical Safety Assessment has not been carried out.
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16. Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.