

## **SAFETY DATA SHEET**

(According to Regulation (EU) 2015/830)

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### **1- IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

#### **1.1 Product identifier**

**TITANIUM DIOXIDE**

#### **1.2 Relevant identified uses of the substance or mixture and uses advised against** Pigment.

#### **1.3 Details of the supplier of the safety data sheet**

Manske GmbH

Geschwister-Scholl-Str. 7

74523 Schwäbisch Hall

Tel.: 0791 97 80 80 0

#### **1.4 Emergency telephone number: 0049 791 97 80 80 0 office time**

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### **2- HAZARDS IDENTIFICATION**

#### **2.1 Classification of the substance or mixture**

Not classified as hazardous substance

#### **2.2 Label elements**

##### **2.2.1 Labelling in accordance with Regulation (EC) 1272/2008 [UE-GHS/CLP]**

**Hazard pictogram:** None

**Signal Word(s):** None

**Hazard statement(s):** None

**Precautionary statement(s):** None

#### **2.3 Other hazards:** None

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### **3- COMPOSITION/INFORMATION ON INGREDIENTS**

#### **3.1 Substances**

Titanium dioxide (TiO<sub>2</sub>)

**C.I.:** Pigment White 6

**C.I.:** 77891

**CAS N°:** 13463-67-7

**EINECS N°:** 236-675-5

#### **3.2 Mixtures**

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**4- FIRST AID MEASURES**

**4.1 Description of first aid measures**

*Ingestion:* In case of accidental ingestion, consult a doctor.

*Eye contact:* Irrigate promptly with copious amounts of water for at least 15 minutes and get medical attention.

*Skin contact:* Wash with water and soap. If irritation appears get medical attention.

*Inhalation:* Remove affected person to fresh air and consult a doctor.

**4.2 Most important symptoms and effects, both acute and delayed**

No data available.

**4.3 Indication of any immediate medical attention and special treatment needed**

No data available.

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**5- FIREFIGHTING MEASURES**

**5.1 Extinguishing media**

Water mist, CO<sub>2</sub>, dry powder.

**5.2 Special hazards arising from the substance or mixture**

None.

**5.3 Advice for fire-fighters**

Wear appropriate protective equipment and clothing.

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**6- ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures**

Avoid dust inhalation. Wear appropriate protective equipment and clothing.

**6.2 Environmental precautions**

Avoid raising dust. Ventilate area. Prevent entry into sewers, water sources or soil.

**6.3 Methods and material for containment and cleaning up**

Contain spillage and transfer to a sealable container. Wash with water until complete elimination.

**6.4 Reference to other sections**

None.

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**7- HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

Handle in well ventilated area or provided with a good ventilation. Avoid dust.

**7.2 Conditions for safe storage, including any incompatibilities**

Keep in tightly sealed containers. Store in a cool and dry place.

**7.3 Specific end use(s)**

No data available.

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**8- EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters**

*Substances with exposure limits:* No data available.

**8.2 Exposure controls**

*Respiratory protection:* Appropriate mask

*Hand protection:* Gloves

*Skin protection:* Wear suitable protective clothes

*Eye protection:* Safety glasses

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**9- PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

**Appearance:** white powder

**pH:** 5 – 7 (dispersion 1%)

**Melting point:** > 1000°C

**Flammability:** n.a.

**Explosion hazard:**

**Bulk density:**

**Solubility in oil:** insoluble

**Thermal decomposition:** > 1000°C

**Odour:** none

**Boiling point:** n.a.

**Flash point:** n.a.

**Autoflammability:** n.a.

**Vapour pressure:** n.a.

**Solubility in water:** insoluble

**Solubility in alcohol:**

**9.2 Other information**

No data available.

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**10- STABILITY AND REACTIVITY**

**10.1 Reactivity**

No data available.

**10.2 Chemical stability**

No decomposition occurs if stored and used under normal conditions.

**10.3 Possibility of hazardous reactions**

No data available.

**10.4 Conditions to avoid**

Avoid dust generation.

**10.5 Incompatible materials**

No data available.

**10.6 Hazardous decomposition products**

None.

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**11- TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

*Acute oral toxicity (LD50):* > 10000 mg/kg (determined in rats).

*Skin irritation:* Non irritant (tested in rabbits)

*Eye irritation:* Non irritant (tested in rabbits)

*Effects of overexposure:* Eyes contact: possible irritation by dust particles mechanical action.

Ingestion: May appear gastric discomfort.

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**12- ECOLOGICAL INFORMATION**

**12.1 Toxicity**

*Fish toxicity:* no data available

*Bacteria in effluent toxicity:* No data available

**12.2 Persistence and degradability**

No data available

**12.3 Bio accumulative potential**

No data available.

**12.4 Mobility in soil**

No data available.

**12.5 Results of PBT and vPvB assessment**

No data available

**12.6 Other adverse effects**

No data available

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**13- DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

Eliminate in accordance with local Regulations.

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**14- TRANSPORT INFORMATION**

NOT DANGEROUS FOR TRANSPORT

**14.1 UN number**

ADR/RID: ---

IMDG: ---

IATA: ---

**14.2 UN proper shipping name**

ADR/RID:

IMDG:

IATA:

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**14.3 Transport hazard class(es)**

ADR/RID: -

IMDG: -

IATA: -

**14.4 Packing group**

ADR/RID: -

IMDG: -

IATA: -

**14.5 Environmental hazards**

ADR/RID:

IMDG Marine pollutant:

IATA:

**14.6 Special precautions for user**

No data available

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

No data available

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**15- REGULATORY INFORMATION**

This Safety Data Sheet complies with the requirements of Regulation (EC) No. 1907/2006.

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

No data available

**15.2 Chemical safety assessment**

No data available

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**16- OTHER INFORMATION**

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with present regulations.

The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of health and safety requirements. This information should not therefore be construed as guarantee of the product specific properties.

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