


SAFETY DATA SHEET		1907/2006 EC	
TITANIUM DIOXIDE		1.00 / 20110919	

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

Identification of the substance/preparation

Name : Titanium dioxide.
Synonyms : Titanium (IV) oxide, Dioxititanium
(Pre-)registration nr : Yes (available on request).
Use of the substance/preparation : Enamel etc.

Identification of the company

Name : GENTROCHEMA BV
 Esdoornlaan 19a, NL-4254 AT Sleeuwijk, Nederland
Tel. : +31.183.304422 **Fax :** +31.183.304069
E-mail : gentrochema@pms.nl **Website :** www.gentrochema.nl

Emergency telephone nr : during office hours (08:30 - 17:00) : +31.183.304422
 After office hours (*only for health professionals*) : +44.870.600.6266

2. HAZARDS IDENTIFICATION

According to EC-directive 67/548/EEC, this substance is NON-hazardous.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Titanium dioxide, min. 99 %
Composition/information on ingredients :

TiO ₂	EINECS nr.: 236-675-5	CAS nr.: 13463-67-7
Min. 98 % ANATASE (TiO ₂)	EINECS Nr.: 215-280-1	CAS nr.: 1317-70-0

4. FIRST AID MEASURES

General information : No typical symptoms and effects are known.
After inhalation : Remove to fresh air.
 If not breathing give artificial respiration.
 If breathing is difficult, give oxygen.
 Call a physician.
After skin contact : Immediately flush skin with copious amounts of water.
After eye contact : Immediately flush eyes with copious amounts of water, keeping eyelids open.
After swallowing : Drink plenty of water, provided person is conscious and induce vomiting.
 Call a physician.


5. FIRE-FIGHTING MEASURES

Product is not combustible.

6. ACCIDENTAL RELEASE MEASURES

Person-related safety precautions : Avoid causing dust. Ensure adequate ventilation.
 For personal protection : refer to section 8.

Measures for environmental protection : No special protections required.

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Measures for cleaning/collecting : Pick up spilled product, keep in a closed container and hold for waste disposal according section 13.

7. HANDLING AND STORAGE

Handling : Observe usual precautions during handling of chemicals.

Storage : No special requirements.

Other information: For quality reasons; store in a frost-free and dry place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits : Recommended MAC value: max. 0.5 mg/m³

Occupational exposure controls : Do not breathe dust.
Wash thoroughly after handling.
Only use in a well-ventilated place.

Personal protection : Observe usual precautions during handling of this substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Solid, odourless, white powder.

PH-value : 6 - 7
Alkalinity or acidity : Not available.
Boiling point : 2500 - 3000 °C
Melting point : 1855 °C
Specific gravity/Density : 3.79 - 3.97 g/cm³
Flash point : Not available.
Flammability : Not available.
Decomposition temperature : Not available.
Explosive properties None.
Oxidising properties : None.
Viscosity : Not available.
Vapour pressure : Not available.
Solubility in water : insoluble
Solubility in other solvents : Not available.
Partition coefficient n-octanol/water: Not available.
Vapour density : Not available.

10. STABILITY AND REACTIVITY

Stability : Stable under circumstances as advised in section 7.


Conditions to avoid : No specific requirements.

Incompatibilities : Do not mix with (powder) metals.

Hazardous decomposition products : Not applicable.

11. TOXICOLOGICAL INFORMATION

No toxicological data available.

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12. ECOLOGICAL INFORMATION

No ecological data available.

13. DISPOSAL CONSIDERATIONS

Product/packing : Observe all federal, state and local environmental regulations.
See directives 75/442/EEC and 2006/12/EC.

14. TRANSPORT INFORMATION

Not classified as hazardous goods.

15. REGULATORY INFORMATION

Chemical identity : Titanium dioxide, anatase
Annex I-number : Not applicable.
Symbol(s) : None.
Risk phrases : None.
Safety phrases: None.

16. OTHER INFORMATION

Version : Nr. 1.00 of 19.09.2011. (Replaces all preceding versions.)
Changes per section compared to last version : Not applicable (first version).
Name of composer and manager in charge : Mr W. van Loon.
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