# titanium dioxide [in powder form containing 1% or more of particles with aerodynamic diameter ≤ 10 µm]

### IDENTIFICATION NUMBERS

- **CAS:** 13463-67-7
- **EC/EINECS:** 236-675-5
- **International Chemical Safety Card (ICSC):** 0338

### MORE INFORMATION

- **Molecular Formula:** O2Ti

### USES

paint

## CLASSIFICATION AND LABELLING (Regulation 1272/2008)

**Symbols**



**GHS08**

Respiratory sensitisation

**H Phrases**

**H351** : Suspected of causing cancer

Carc. (Cat. 2) : Carcinogenicity

## Specific health risks

### Carcinogens (other sources)

Substances classified as carcinogens or mutagens Category 3 under the Dangerous Preparations Directive criteria (pre-CLP). Substances with limited evidence or indications of carcinogenicity or mutagenicity.

**CATEGORY**

CP

**SOURCE**

CP65

### Neurotoxic substances

Substances with neurotoxic effects

**LEVEL**

1

### According to IARC

Substances classified as carcinogens or mutagens Category 2 under the CLP Regulation (GHS), bearing H351 and/or H341 phrases. These are substances suspected of causing cancer or heritable genetic mutations in humans.

**IARC GROUP**

Grupo 2B

**IARC VOLUME**

47, 93; 2010

### Occupational Exposure Limits (OEL)

Daily exposure limit values (VLA-ED) published by the Spanish National Institute of Safety and Health at Work (INSST). They represent the average concentration of a chemical agent in the worker's breathing zone, measured or calculated in a time-weighted manner for an 8-hour daily working period. (https://www.insst.es/valores-limites-de-exposicion)

**OCCUPATIONAL EXPOSURE LIMITS**

| State / Form | TWA (ppm) | TWA (mg/m³) | STEL (ppm) | STEL (mg/m³) | Notes |
|---|---|---|---|---|---|
| — | — | 10 | — | — | — |

### Carcinogens and mutagens (Regulation 1272/2008)

Substances classified as carcinogenic or mutagenic under Regulation 1272/2008

## Restriction/prohibition regulations

### Substances under CoRAP evaluation

Substances included in the Community Rolling Action Plan (CoRAP) of the REACH Regulation. These are substances selected for evaluation by EU Member States due to indications of risk to human health or the environment, with the aim of clarifying whether regulatory action is warranted.

| YEAR | MEMBER STATE |
| --- | --- |
| 2018 | France |

**INITIAL GROUNDS FOR CONCERN**

Carcinogenic; Suspected Mutagenic; Other hazard based concern

### Substances under PACT evaluation

Substances under active regulatory monitoring through ECHA's PACT (Public Activities Coordination Tool). Allows tracking which regulatory authorities are examining a substance and what potential regulatory actions are being considered (restriction, SVHC identification, harmonised classification, etc.).