

# Safety (MSDS) data for titanium metal

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## General

Synonyms:  
Molecular formula: Ti  
CAS No: 7440-32-6  
EC No:

## Physical data

Appearance: dark grey lustrous solid  
Melting point: 1677 C  
Boiling point: 3277 C  
Vapour density: 1.6 (air = 1)  
Vapour pressure:  
Density (g cm<sup>-3</sup>): 4.51  
Flash point:  
Explosion limits:  
Autoignition temperature:  
Water solubility: negligible

## Stability

Stable. Dust may form an explosive mixture with air. Flammable. Incompatible with mineral acids, halogens, carbon dioxide, strong oxidizing agents.

## Toxicology

Powder is harmful if inhaled. Dust is an eye irritant.

### Toxicity data

(The meaning of any abbreviations which appear in this section is given [here](#).)

### Risk phrases

(The meaning of any risk phrases which appear in this section is given [here](#).)

R20 R36.

## Transport information

(The meaning of any UN hazard codes which appear in this section is given [here.](#))  
UN No 2546. Hazard class 4.2.

## Personal protection

Safety glasses.

### Safety phrases

(The meaning of any safety phrases which appear in this section is given [here.](#))

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