

Safety (MSDS) data for titanium metal

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⁻³): 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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