



MATERIAL SAFETY DATA SHEET

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SECTION 1 NAME

PRODUCT: Titanium Metal

SYNONYMS: None

CHEMICAL

FAMILY: Group 4 Metals

C.A.S. FORMULA:

NUMBER: 7440-32-6

Ti

HAZARD RATING

Minimal:	0
Slight:	1
Moderate:	2
Serious:	3
Severe:	4

Health	0
Fire	0
Reactivity	0

FIRE DANGER: Fine chips, turnings, or grinding dust produced from this metal may be pyrophoric.

SECTION 2. INGREDIENTS

Composition:	%	Toxicity Data:
Titanium	>99	Non-toxic

SECTION 3. PHYSICAL DATA

Boiling Point @ 760 mm Hg:	3287°C	Vapor Density (Air = 1):	N.A.
Specific Gravity (H ₂ O = 1):	4.5	pH of Solutions:	N.A.
Freezing/Melting Point:	1660°C	Solubility (Weight % In Water):	Insoluble
Bulk Density:	280 lb/ft ³	% Volatile by Volume:	N.A.
Vapor Pressure:	0 @ 20°C	Evaporation Rate:	Nonvolatile
Heat of Solution:	N.A.	Appearance and Odor:	Silver Grey Metal, Odorless

SECTION 4. REACTIVITY DATA

Stability: Stable Hazardous Polymerization: Will Not Occur

Conditions to Avoid: See Section 9, Discussion of pyrophoric nature of machining fines.