

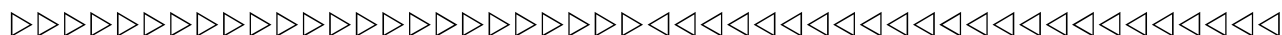






# Safety Data Sheet

## Titan Alloy Products



Environmental Conditions	<b>Operation of machines</b> <ul style="list-style-type: none"> <li>• Oxygen cutting machines</li> <li>• Plasma cutting machines</li> <li>• Resistance welding machines</li> <li>• Machines for thermal spraying</li> <li>• Bench welding</li> </ul>
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Class 2	
Impact of Spatter	25 Drops
Heat Transfer (radiation)	RHTI 24 ≥ 16 seconds
Process	<b>Manual welding with heavy formation of spatter and drops</b> <ul style="list-style-type: none"> <li>• MMA welding (with basic or cellulose-covered electrodes)</li> <li>• MAG welding (with CO<sub>2</sub> or mixed gases)</li> <li>• MIG Welding (with high current)</li> <li>• Self shielded flux core arc welding</li> <li>• Plasma cutting</li> <li>• Gouging</li> <li>• Oxygen cutting</li> <li>• Thermal spraying</li> </ul>
Environmental Conditions	<b>Operation of machines</b> <ul style="list-style-type: none"> <li>• In confined spaces</li> <li>• At overhead welding/cutting or in comparable constrained positions</li> </ul>

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

**Appearance:** Solid.

**Color:** Brown

**Odour:** Odourless

**Odour Threshold:** Not Available

**pH Value:** Not Available

**Melting Point/Melting Range:** : 1560 - 2000° F, 850 - 1100° C

**Freezing Point:** Not Available

**Boiling Point/Boiling Range:** Not Available

**Flash point:** Not Available

**Evaporation Rate:** Not Available

**Self-in flammability:** Not Available

**Explosion limits:** Not Available

**Vapour pressure:** Not Available

**Vapour density:** Not Available

**Density at 20°C:** Not Available

**Relative density:** 6-9 g/cm<sup>3</sup>

**Solubility:** Insoluble in water.

**Partition coefficient:** Not Available

**Auto-ignition temperature:** Not Available

**Decomposition temperature:** Not Available

**Other Information:** No available data.

## 10. STABILITY AND REACTIVITY:

**Chemical Stability:** This product is stable under normal conditions.





**H351** – Suspected of causing lung cancer.

**R34** – Causes burns.

**R37** – Irritating to respiratory system.

**R40** – Limited evidence of a carcinogenic effect.

**S26** – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**S36/37/39** – Wear suitable protective clothing, gloves and eye/face protection.

**S45** – In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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