

Material Safety Data Sheet

PACWELD 87 - Galvanising Bar

Identity	Supplier's Name	Supplier's Address	Date	Telephone No.	Facsimile No.
Pacweld Welding Consumable	3D Safety Services Pty Ltd	27 Sir Joseph Banks Street Botany, NSW 2019	01-10-2004	1300 663 195	1300 663 495

This product is hazardous according to Worksafe Australia Criteria

Section 1 - Product Name

UN Number: 1950
Dangerous Goods Class: 9
Hazchem Code: 3
Poisons Schedule: N/A
Product Classification: N/A
Use: Protective coating for steel

Section 2 – Physical Description/Properties

Galvanising bar

Ingredients	CAS No.	Proportion
Zinc	7440-66-6	High
Tin	7440-31-5	High
Lead	7439-32-5	High

Section 3 - Composition Data

Element	Nominal %
Lead	51 - 63
Tin	30 - 37
Zinc	7 - 12

Section 4 – Physical Data

Boiling Point: N/A
Melting Point: 183°C
Vapour Pressure: N/A
Specific Gravity: 9.6 SG
Vapour Density: N/A
Appearance & Odour: Silver/grey solids

Section 5 - Fire & Explosion Hazard

Flash Point: N/A
Extinguishing Media: N/A
Special Fire Fighting: Use eye protection and self contained breathing apparatus and full protective clothing - including boots. If involved in a fire, lead heated to high temperatures emits highly toxic fumes.
Explosion Hazards: Non flammable. Avoid contact with strong acids.
Incompatibility: Avoid oxidising materials. Above 500°C lead fumes may be generated.

Section 6 - Health Hazard

ACUTE/CHRONIC

Swallowed: Minor lead pick up possible via digestion.

Eye: Dust irritant.

Skin: Dust or fumes not absorbed. Hot metal burns.

Inhaled: Lead - lead poisoning.

Section 7 – First Aid Treatment

Swallowed: Consult a physician.

Eye: Wash well to remove dust etc.

Skin: For hot metal burns, seek medical attention.

Inhaled: Remove from exposure.

LEAD

Exposure to high levels of airborne or ingested lead may produce symptoms of anaemia, weakness, constipation, nausea and abdominal pain. Prolonged over exposure may result in kidney and nervous system involvement. Women of childbearing age should avoid exposure to lead due to post-natal effects. Over exposure to tin, silver, bismuth, antimony and Indium is not expected.

Section 8 - Safe Handling Procedure

Spillage: Avoid inhalation of alloy fumes or dust. Vacuuming is recommended. Do not use dry sweeping or compressed air cleaning systems.

Waste Disposal: Scrap or waste alloy - must be in accordance with federal, state and local laws and regulations.

Storage & Transport: Should not present a problem. Material stable.

Containers: Since empty containers may retain product residues (vapour, liquid or solid), all labelled hazard cautions must be observed "For industrial use only. Keep out of reach of children. Do not take internally."

Food and drink should not be consumed nor cosmetics applied in workplace.

Develop good personal hygiene by always washing well after contact with solder and before eating or drinking. Showering and changing clothes at end of work shift is recommended.

3D Safety Services Pty Ltd believes this information to be accurate and to reflect qualified expert opinion regarding current research. However, 3D Safety Services Pty Ltd cannot make any express or implied warranty as to this information.

PEOPLE PLANT PROCESS