Galvotec	Material Safety Data Sheet	Date Issued
		Apr 13, 2004
	Material Description	Last Revision
	Zinc / Zinc Anode	Jan 16, 2015

Article I: Material Description

Common Name: Zinc (+ <0.5% Al)
Chemical Name: Zn
Trade Name / Synonyms: Special High Grade Zinc
Formula: Zn (+ <0.5% Al)
Use: Cathodic Protection

Attn: Doug Byron

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Article II: Physical Data

Boiling Point: 907 °C (1665 °F)
Melting Point: 420 °C (788 °F)
Specific Gravity: 7.13 (H_2O = 1)
Vapor Density Air: NA
Vapor Pressure: NA
Solubility in Water: Insoluble
Appearance: Silver White Metal
Odor: None
Evaporation Rate: NA
Percent Volatile by Volume: NA

Article III: Hazardous Ingredients

Paints, Preservatives % TLV and Solvents
Pigments: NA
Catalyst: NA
Vehicle: NA
Solvents: NA
Metallic Coatings: NA
Additives: NA
Others: NA
Hazardous Mixtures of other liquids, solids or gases: NA

Alloys and Metallic % TLV Coatings
Base Metal: NA
Alloys: NA
Filler Metal plus Coating or Core Flux: NA
Others: NA

Article IV: Fire and Explosion Hazard Data

Flash Point: NA
Flammable Limits: NA
LEL: NA
UEL: NA
Extinguishing Media: Dry Chemical
Special Fire Fighting Procedures: Use approved self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: Water contact with molten metal may cause sudden expansion and massive splashing of hot metal.

Article V: Special Protection Information

Respiratory Protection: Approved respirator for dust or fumes
Ventilation: The area surrounding any plating tank should have suitable ventilation to prevent gases, mists and particles from evolving from the plating tank and reaching injurious levels.
Protective Gloves: Required for hot metal
Eye Protection: Required for fumes, dust or heat
Other protective equipment: Appropriate for handling molten metal

Article VI: Reactivity Data

Stability: Stable
Incompatibility (Materials to avoid): Contact with strong acids or alkali.
Hazardous Decomposition Products: At temperatures above the melting point, zinc oxide fumes may be formed.
Hazardous Polymerization: Will not occur
Conditions to avoid: NA

Article VII: Spill or Leak Procedures

Steps taken in case material is released or spilled: In case of spill, zinc can be safely swept, shoveled or picked up by hand and returned to original container.
Waste Disposal Method: NA

Article VIII: Health Hazard Data

Threshold Limit Value: 5 mg/m^3 for zinc oxide fumes
Effects of Overexposure: Chronic inhalation may produce fever and chills without recognized complications.

Emergency and First Aid Procedures
Inhalation: Remove from exposure

Article IX: Special Precautions

Precautions taken in handling and storing: NA
Other Precautions: This MSDS is offered solely for your information, consideration and investigation. Galvotec Alloys, Inc provides no warranties either expressed or implied, and assumes no responsibility for the accuracy or completeness of the data stated.

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