

### Section I – Identification

Manufacturer/Supplier: Weldtool Technologies Inc.

Telephone No: (714) 646-7527

Address: 3911 E. La Palma Ave, Anaheim, CA 92807

Emergency No: (714) 646-7527

**Trade Name:** GALVBAR

Classification: ASTM A780.8 & A780.92

### Section II – Composition Information

| Components | CAS Number | %         | OSHA PEL               |
|------------|------------|-----------|------------------------|
| Tin        | 7440-31-5  | 29.0-40.0 | 2.0 mg/m <sup>3</sup>  |
| Lead       | 7439-92-1  | 35.0-60.0 | 0.05 mg/m <sup>3</sup> |
| Zinc       | 7440-66-6  | 15.5-5.5  | 5.0 mg/m <sup>3</sup>  |

Unlisted percentages are non-hazardous stabilizers, activators, and water. None of the materials in this product are listed in NTP, IARC, or OSHA as Carcinogens. NIOSH classifies brazing fumes as a possible carcinogen. Threshold limit Value for brazing is 5 mg/m<sup>3</sup>

### Section III – Health Hazards

#### Emergency and First Aid Procedures

**Inhalation:** Remove to Fresh Air or Administer Oxygen. Call Physician.

**Eyes:** Flush with Water for 15 Minutes. Call Physician.

**Skin:** Wash Thoroughly with Water.

**Ingestion:** If Patient is Fully Conscious, Rinse Mouth. Obtain Medical Attention Immediately.

**Primary Routes of Entry into Body:** Fume Inhalation, Ingestion, Skin, and Eyes.

**Symptoms of Overexposure:** Irritation or dryness of the nose and throat, Salivation, Coughing, Choking, Chills, headache, thirstiness and tiredness. Molten alloy may burn on contact.

**Medical Conditions Generally Aggravated by Exposure:** Respiratory, Skin disorders

**Chemical Listed as Carcinogen or Potential Carcinogen:** Lead is listed on Proposition 65 and is confirmed a animal carcinogen and probable Human carcinogen

**OSHA Permissible Exposure Limit (PEL):** 0.05 mg/m<sup>3</sup>(Lead)

**ACGIH Threshold Limit Value (TLV):** 0.05 mg/m<sup>3</sup>(Lead)

**H.M.I.S. Information:** HEALTH = 1 FLAMMABILITY = 0 REACTIVITY = 0

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## Section IV – Fire and Explosion Hazard Data

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**Flash Point: (Method Used):** None

**Flammable Limits:** Lower-NA, Upper-NA

**Extinguishing Media:** All –Water for cooling only

**Auto Ignition Temperature:** None

**Special Fire Fighting Procedures:** NIOSHA approved self contained breathing apparatus

**Unusual Fire and Explosion Hazards:** May produce a variety of metal oxides and fumes when melted Metal products are not a fire hazard however dust of these items may form explosive mixture with air

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## Section V – Accidental Release Measures

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**Steps to be Taken in Case Material is Spilled:** Solid wire

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## Section VI – Stability and Reactivity

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**Stability:** Product is Stable

**Conditions to Avoid:** Excess Heat

**Incompatibility:** Strong acids, oxidizers or bases like sodium hydroxide

**Hazardous Decomposition Products:** Metal oxides and fumes when melted.

**Hazardous Polymerization:** Will Not Occur

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## Section VII – Control Measures

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**Ventilation:** Yes

**Local Exhaust:** Yes

**Protective Gloves:** Recommend, NIOSH Approved

**Eye Protection:** Safety Glasses

**Mechanical (General):** Yes

**Respiratory Protection (Type):** NIOSH Approved Respirator.

**Other Protective Clothing or Equipment:** Leather Apron as needed. Do not eat or drink while using these products

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## Section VIII – Handling and Storage

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**Precautions to be Taken in Handling and Storage:** Store in Cool dry Area.

Wash hands and clothing thoroughly after use.

**Work/Hygienic Practices:** Avoid Contact with Skin, Eyes and Clothing. Avoid inhalation or ingestion

**Other Precautions:** Keep Container Away From Excessive Heat with proper labels.

**Good Housekeeping :** Wash thoroughly before smoking or eating – Tobacco products food or drinks should not be consumed or stored near or in areas where exposures exist.

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**Section IX – Physical and Chemical Characteristics(Lead)**

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**Boiling Point:** 1740° F (Lead)**Specific Gravity:** .2661**Vapor Pressure (mm Hg):** NA

|                                    |                                                   |
|------------------------------------|---------------------------------------------------|
| <b>Vapor Density (Air = 1):</b> NA | <b>Evaporation Rate (Butyl Acetate = 1):</b> NA   |
| <b>Melting Point:</b> 350-550° F   | <b>Solubility in Water:</b> Insoluble             |
| <b>Reactivity in Water:</b> None   | <b>Appearance and Odor:</b> Silver gray, odorless |

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**Section X – Transportation and Disposal Considerations**

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**D.O.T. Proper Shipping Name:** Non-Hazardous**Hazard Class:** NA**Identification Number:** NA**Packing Group:** NA**Type D.O.T Label Required Information:** NA**Waste Disposal Method:** Dispose in Accordance with EPA Regulations.

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