

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:	TIN%	LEAD %
35/65	34.5-36.5	BALANCE
40/60	39.5-41.5	BALANCE
50/50	49.5-51.5	BALANCE
60-40	59.5-61.5	BALANCE

Section II – Composition Information

Components	CAS Number	OSHA PEL
Tin	7440-31-5	2.0 mg/m ³
Lead	7439-92-1	0.05 mg/m ³

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/m³

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 ³(Lead)

OSHA Permissible Exposure Limit (PEL): 0.05 mg/m

ACGIH Threshold Limit Value (TLV): 0.05 mg/m³(Lead)

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

Section IV – Fire and Explosion Hazard Data

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

Section V – Accidental Release Measures

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

Section VI – Stability and Reactivity

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

Section VII – Control Measures

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

Section VIII – Handling and Storage

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.

Section IX – Physical and Chemical Characteristics(Lead)

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

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

Section X – Transportation and Disposal Considerations

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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