

Material Safety Data Sheet

LEWCO SSD125

Stainless Steel Drawcord

Manufacturer's Name: LEWCO Specialty Products, Inc.
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SECTION I – Component Data

<u>Chemical Component:</u> (may vary according to alloy)	<u>C.A.S. Number</u>	<u>OSHA PEL</u>	<u>TLV</u>
Iron	7439-89-6	None	None
Chromium	7440.47.3	1	0.5
Nickel	7440-02-0	1	1
Manganese	7439-96-5	C5	C5
Tantalum	7440-25-7	None	5
Molybdenum	7439-98-7	15	10
Copper	7440-50-8	1	1
Silicon	7440-21-3	None	10
Columbium	7440-03-1	None	None

SECTION II – Physical Data

Boiling Point: Not applicable
Vapor Pressure (mm Hg): Not applicable
Vapor Density (Air=1): Not applicable
Specific Gravity (H₂O=1): Approx. 8
Percent Volatile by Volume: Not applicable
PH at full strength: Not applicable
Evaporation Rate: Not applicable
Solubility in Water: Not applicable
Appearance and Odor: odorless, solid metal shaped as wire

SECTION III – Fire and Explosion Data

Flash Point: Not Applicable

Fire Point: Not Applicable

Autoignition Temperature: Not Applicable

Extinguisher Media: Not Applicable

Unusual Fire and Explosion Hazards: Products are non flammable; however, welding arcs and sparks can ignite flammable liquids and vapors and combustible solids.

SECTION IV – Reactivity Data

Stability: Compound is stable

Conditions to avoid: Welding fumes may contain oxides

Incompatibility (Materials to avoid): Chromates, fluorides and complex metallic. The TLV for welding fumes (not otherwise classified) is 5 mg/m³.

Hazardous Polymerization: Will not occur

SECTION V – Health Hazard Data

Acute: Irritation to eyes, throat, nose

Chronic: Neurological damage

Signs and Symptoms of Exposure: Nausea, metallic taste, tightness of chest and fever

Chemical Listed as Carcinogen: Not applicable

Emergency and First Aid Procedures: Move victims to fresh air. If victim is unconscious administer oxygen or artificial respiration. Immediately seek medical attention.

Primary Routes of Entry:

Inhalation: Welding fumes and/or gases; particles from machining

Skin Contact: Welding fumes and/or gases; particles from machining

Eye Contact: Welding fumes and/or gases; particles from machining

Ingestion: Welding fumes and/or gases; particles from machining

SECTION VI – Spill or Leak Procedures

Precautions to be Taken in Handling and Storage: Vacuum or sweep residue from cutting, grinding or welding operations into suitable container

Steps to be Taken in Case Material is Released or Spilled: Not applicable

Waste Disposal Method: Disposal must be in accordance with applicable local, state, and federal regulations.

Section VII- Special Protection Information

Ventilation: Use Local Exhaust & Mechanical (General) Ventilation. Adequate ventilation to control exposures is required when handling hot material.

Eye Protection: Always wear safety glasses.

Other Protective Equipment: None required.

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