

QUICKCABLE

Material Safety Data Sheet (MSDS)

Description: Tin Coated Ground Strap

Part Number: 7001-7005, 7103-7105,
7401-7405, 7901-7905, 207001-207206

SECTION I CONTACT INFORMATION

Date: 07/2013
Emergency Telephone 1-800-468-1263 (Infotrac)
 Quick Cable Corporation
 3700 Quick Drive
 Quick Cable Product ID: 7001-7005, 7103-7105, 7401- 7405, 790-7905, 207001-207206
 Franksville, WI 53126 Telephone: 1-800-558-8667

SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Component	CAS#	%	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Copper – Fum	7440-50-8	97-99.5	0.1 mg/m3 1.0 mg/m3	0.2 mg/m3 1.0 mg/m3	2.0 mg/m3
	7440-31-5	.5 - 3	2.0 mg/m3	2.0 mg/m3	4.0 mg/m3
Non-Hazardous Components		100			

Note: This MSDS applies to a range of alloys. For actual compositions refer to material test report or specific alloy specification. All percentages are weight.

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 2562C Vapor Pressure: 1mm Hg @ 879 C Vapor Density: N/A Solubility in Water: Insoluble Water Reactive: Un-reactive	Specific Gravity: 8.90 Melting Point: 998 C Evaporation Rate: N/A Appearance and Odor: Metal with white color and no odor
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SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A Lower Explosive Limit: N/A	Auto Ignition Temperature: N/A Upper Explosive Limit: N/A
Extinguisher Media: Powdered Dolomite, Sodium Chloride, or Graphite Special Fire Fighting Procedures: Fine copper powder is a moderate fire hazard. For copper fires do not use water.	Unusual Fire and Explosive Hazards: Copper reacts violently with C2H2, NH4N03, Bromates, Chlorates, Iodates, C12, C1F2, Ethylene Oxide, F2, H2O2, Hydrazine mononitrate, Hydrazoic, H2S, K2O2, NaN3, Na2O2, CUNO3,S.

SECTION V REACTIVITY DATA

Stability: Stable
Incompatible Materials: 1- Bromo 2- Propyne (See Section 4)
Hazardous Decomposition Products: Toxic metal fumes
Hazardous Polymerization: Will not occur

Conditions to avoid: N/A

SECTION VI HEALTH HAZARD DATA

Primary routes of entry: Inhalation

Carcinogen Listed In: Not Listed

Health Hazards:

Acute	Chronic	Symptoms of Exposure	Medical Conditions Aggravated by Exposure
Metal Fume Fever	No long term effect reported	Chills, fever, aching muscles, dry mouth & throat headache, nausea, vomiting and diarrhea	Wilson's disease

EMERGENCY FIRST AID PROCEDURES: Seek medical attention for further treatment

Eye Contact: Remove metal fragments & flush eyes with fresh water.

Skin Contact: Remove Contaminated clothing. Flush skid with copious amounts of water.

Inhalation: Remove to fresh air. If breathing has stopped administer CPR.

Ingestion: May be moderately irritating to stomach lining. Induce vomiting if conscious.

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND DISPOSAL

Clean up of spilled materials: Clean up using method which minimizes copper dust generation

Waster Disposal Methods: Recycle scrap material in accordance with all local, state & federal regulations.

Handling and Storage Precautions: Avoid storage near incompatible material (see sec. 5). Also avoid conditions which will cause the generation of copper dust.

Other Precautions or Special Hazards: Wash exposed skin after handling.

SECTION VIII CONTROL MEASURES

Respiratory Protection: Niosh/MSHA approved respirator when toxic dust and/or fumes are present.

Protective Gloves: None required

Eye Protection: Safety glasses required when working with metal products

Ventilation to be Used: Yes

Type Used: Local Ventilation

Other Protective Equipment: None Required

Hygienic work practices: Practice good housekeeping and personal hygiene procedures.

SECTION IX OTHER REGULATORY INFORMATION

None

This information is accurate to the best of Quick Cable Corporation's knowledge or obtained from sources believed by Quick Cable to be accurate. Before using this product, read all warnings and directions on the label.