MATERIAL SAFETY DATA SHEET
SRA Soldering Products

DATE REVISED: December 1, 2014

Product Name: SSLFNC-T5 + SSLFNC
Manufacturer: SRA Soldering Products, 24 Walpole Park S. STE 10, Walpole, MA 02081
Emergency Phone Number: 1-800-535-5053 (INFOTRAC)
Other Information Calls: (508) 668-6044

To the Purchaser: This MSDS contains important environmental, health, and toxicology information for your employees who have ordered this product. Please be sure this information is given to them. If you resell this product, a copy of the MSDS should be given to the buyer.

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

SECTION I - IDENTIFICATION

Common Name: SRA Soldering Products SSLFNC-15, SSLFNC-35, SSLFNC-50, SSLFNC-250, SSLFNC-T5-15, SSLFNC-T5-35, SSLFNC-T5-50, SSLFNC-T5-250
Chemical Family: No Clean Dispensable Metal Paste
CAS Number: NA
Chemical Name: NA
Formula: See Below

SECTION II - COMPOSITION INFORMATION

Components	CAS Number	%	OSHA PEL
Tin	7440315	80-90	2.0 mg/m^3
Silver	7449224	2-4	0.10 mg/m^3
Copper	7440508	0-1	1.0 mg/m^3

Unlisted percentages are non-hazardous stabilizers, and water. None of the materials in this product are listed in NTP, IARC, or OSHA as carcinogens.

SECTION III - HEALTH HAZARDS

Primary Routes of Entry: Fume inhalation, ingestion, skin, and eyes.
Symptoms of Overexposure: No specific information available.
Medical Conditions Generally Aggravated by Overexposure: None presently known.
Chemical Listed as a Carcinogen or Potential Carcinogen: None known
OSHA Permissible Exposure Limit (PEL): NA
ACGIH Threshold Limit Value (TLV): NA

SECTION IV - EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush with water for 15 minutes. Call a physician.
Skin: Wash thoroughly with water.
Inhalation: Remove to fresh air or administer oxygen. Call physician.
Ingestion: Get medical attention.

SECTION V - FIRE AND EXPLOSION HAZARD DATA

Flash Point: Core>140°C
Metal: NA
Flammable Limits: NA
Extinguishing Media: Special mixtures of dry chemicals suitable for metal fires such as dry sand, dolomite, graphite, salt, and soda ash.
Do Not Apply Water to Burning or Melted Metal. Water can be used to cool containers when no contact with metal will occur.
Auto Ignition Temperature: NA

SECTION VI - ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is spilled: Protect skin and eyes by wearing safety glasses and gloves. Ventilate the area. Restrict and collect spilled materials.

SECTION VII - HANDLING AND STORAGE

Storage Requirements: Store in low temperature and low humidity area.
Handling Precautions: Users should wear protective gloves and glasses when handling solder paste. soldering should be conducted in good ventilation environment.
Other Precautions: Keep the tin, silver, and lead fume levels below the OSHA permissible exposure limit.

SECTION VIII - CONTROL MEASURES

Respiratory Protection (TYPE): NIOSH approved.
Ventilation: Yes
Mechanical (General): Optional
Local Exhaust: Yes
Eye Protection: Safety glasses
Protective Gloves: Rubber gloves
Other Protective Clothing or Equipment: Laboratory or worker coat.
Work/Hygienic Practices: Wash hands after handling the product, wear safety glasses during handling.

SECTION IX - PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point: NA
Specific Gravity (Water = 1): 4.0-5.5
Vapor Pressure (mm Hg): NA
Percent Volatile by Volume: NA
Vapor Density (Air = 1): NA
Evaporation Rate (Butyl Acetate = 1): NA
Melting Point: 140°C
Solubility in Water: Partial
Reactivity in Water: None
Appearance and Odor: Pasty and mild solvent odor

SECTION X - STABILITY AND REACTIVITY

Stability: Product is stable
(Conditions to Avoid): Contact with strong acids and alkali.
Incompatibility: Strong acids and alkali.
Hazardous Decomposition Products: Not determined.
Hazardous Polymerization: Not determined.
(Conditions to Avoid): Not determined.

SECTION XI - TOXICOLOGICAL INFORMATION

Acute Toxicity Data

1) **Oral:** LD-50 (rat): Not available
2) **Inhalation:** LC-50 (rat): Not available
3) **Dermal:** LD-50 (rabbit): Not available
4) **Skin Irritation:** (rabbit): Not available

Chronic Toxicity Data

1) **Repeated Skin Application:** (rat): Not available
2) **Eye Irritation:** (rabbit): Not available

SECTION XII - ECOLOGICAL INFORMATION

This material has not been tested for environmental effects.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in accordance with EPA regulations

SECTION XIV- TRANSPORTATION

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: Solder paste contains lead. Follow state, federal regulations and local Ordinances in disposing of solder paste. Refer to EPA regulation 40 CFR, part 250.

SECTION XV - REGULATORY INFORMATION

OSHA Hazardous Chemical According to 29 CFR 1910.1200: NA
Carcinogenicity Classification: (Components Present at 0.1% or More)
International Agency for Research on Cancer (IARC): NA
American Conference of Governmental Industrial Hygienists (ACGIH): NA
National Toxicology Program (NTP): NA
Occupational Safety and Health Administration (OSHA): NA
All Components of this Product are Listed on the U.S. Toxic Substances Control Act Inventory or Otherwise Comply with TSCA Pre-manufacture Notification Requirements.
This product is RoHS compliant.

SECTION XVI - OTHER INFORMATION

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