

PRODUCT CODE: 74977, 74978      PRODUCT NAME: 60/40 ROSIN CORE (79849,79850)

This form may be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

**IDENTITY** (As Used on Label and List): **60/40 ROSIN CORE (79849,79850)****SECTION I - Product Identification****MANUFACTURERS NAME AND ADDRESS:**KAR PRODUCTS  
461 N. Third Avenue  
Des Plaines, IL. 60016**TELEPHONE NUMBERS:**Rush Poison Control (800)752-7869  
Emergency: ( ) -  
Information: (708)296-6111Date Entered: 03/23/92  
Last Revision: 04/06/93  
MSDS Printed: 10/29/93**SYNONYMS:****CHEMICAL FAMILY:****HAZARD LABEL:** DOT: Not Regulated**MOLECULAR FORMULA:****MOLECULAR WEIGHT:** NE or NA**NFPA RATINGS: (0-4)**

Health: 2

Flammability: 0

Reactivity: 0

**NFPA SPECIFIC HAZARDS****SECTION II - Hazardous Ingredients/Identity Information**

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY/COMMON NAME)	CAS #	OSHA PEL	ACGIH TLV	OTHER LIMITS	PERCENTAGE
Lead	7439-92-1	*0.05mg/cum	0.15mg/cum		40.0
Tin (Inorganic Compounds)	7440-31-5	2.0mg/cum	2.0mg/cum		60.0

**SECTION III - Physical/Chemical Characteristics****BOILING POINT:** NE or NA**MELTING POINT:** NE or NA**PHYSICAL STATES:** [ ] Gas

[ ] Liquid

[ X ] Solid

**SPECIFIC GRAVITY (Water = 1):** ND**VAPOR PRESSURE (mm Hg):** . . . NA**VAPOR DENSITY (Air=1):** . . . NA**EVAPORATION RATE:** . . . . . NA

(Butyl Acetate=1)

**SOLUBILITY IN WATER:** . . . . . None**PERCENT VOLATILE:** . . . . .**APPEARANCE AND ODOR:**

Silver-gray metal wire, odorless.

**SECTION IV - Fire and Explosion Hazard Data****FLASH PT:** NE or NA**METHOD USED:** NA**EXPLOSIVE LIMITS:**

LEL: NA

UEL: NA

**EXTINGUISHING MEDIA:**

NA

**SPECIAL FIRE FIGHTING PROCEDURES:**

Use NIOSH approved self-contained breathing device and full protective clothing if involved in a fire.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

Moderate in the form of dust when exposed to heat or flame. When heated to high temperatures, lead emits highly toxic fumes.

**SECTION V - Reactivity Data****STABILITY:** Unstable [ ]      Stable [ X ]**CONDITIONS TO AVOID (Instability):**

NA

**INCOMPATIBILITY (MATERIALS TO AVOID):**

Oxidizing materials, acids, hydrogen peroxide.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:**

Lead oxide fume and/or lead particulate may be evolved.

**HAZARDOUS POLYMERIZATION:** May occur [ ]      Will not occur [ X ]**CONDITIONS TO AVOID (Hazardous Polymerization):**

NA

**SECTION VI - Health Hazard Data****ROUTE(S) OF ENTRY:** Inhalation? Y      Skin? Y      Eyes?      Ingestion? Y      Other:**HEALTH HAZARDS (Acute and Chronic):**

Inhalation - Lead: Excessive overexposure may result in an acute or chronic illness. Ingestion: Call a doctor or Poison Control Center at once.

**CARCINOGENICITY:** NTP?      IARC Monographs?      OSHA Regulated?      Not presently on any list.**RECOMMENDED EXPOSURE LIMITS:**

LD 50/LC 50:

**SIGNS AND SYMPTOMS OF EXPOSURE:**

Lassitude, insomnia, pallor, eye grounds; anorexia, low-weight, malnutrition; constipation, abdominal pain, collic; hypotense; anemia; gingival lead line; tremors, paralysis of wrist; irritation of eyes and skin.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:**

Refer to Health Hazards and Signs and Symptoms of Exposure.

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**EMERGENCY AND FIRST AID PROCEDURES:**

If lead poisoning symptoms are present, individual should be removed from exposure and a doctor consulted. Ingestion- Call a doctor and Poison Control Center at once. Skin Contact: For hot metal burns, cool with water and obtain MD aid. Eye Contact: Flush with water, consult a doctor.

**SECTION VII - Precautions for Safe Handling & Use****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Avoid inhalation of solder fumes or dust. Vacuuming is recommended. Do not use dry sweeping or compressed air cleaning systems.

**WASTE DISPOSAL METHOD:**

Scrap or waste solder should be recycled or stored in sealed dry containers for later disposal (in accordance with Federal, State and local laws and regulations).

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:****HAZARD LABEL INFORMATION:**

Food and drink should not be consumed or tobacco products used, nor cosmetics applied in areas where solder may be used. Always wash hands after handling solder and before eating, drinking or smoking.

**OTHER PRECAUTIONS:**

Containers: Since empty containers may retain product residues (vapor, liquid, or solid) all labeled hazard precautions must be observed. FOR INDUSTRIAL USE ONLY. KEEP OUT REACH OF CHILDREN. DO NOT TAKE INTERNALLY.

**SECTION VIII - Control Measures****PROTECTIVE EQUIPMENT SUMMARY - HAZARD LABEL INFORMATION**

**RESPIRATORY PROTECTION (SPECIFY TYPE):** If any threshold limit value is exceeded, use NIOSH/MSHA-approved resp.

**VENTILATION:**

**LOCAL EXHAUST:** Adequate to maintain exposures below TLV limits.

**SPECIAL:**

**MECHANICAL (GEN):** Adequate to maintain exposures below TLV limits.

**OTHER:**

**PROTECTIVE GLOVES:** Protective gloves to prevent burns.

**EYE PROTECTION:** Use safety goggles, or face prot.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Clothes should be worn/laundered in accordance W/OSHA lead rule standards.

**WORK/HYGIENIC/MAINTENANCE PRACTICES:**

Observe precautions when working and practice good habits of cleanliness.

**SECTION IX - Additional Comments**

SECTION II: \*All chemical compounds marked with an asterisk (\*) are toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (Sara) of 1986 and 40CFR Part 372. You must notify each person to whom this mixture or trade name product is sold. This statement must remain a part of this MSDS and must not be removed. Any copy or redistribution of this MSDS shall include this statement. \*Lead.

ND = Not Determined

NA = Not Applicable