

MATERIAL SAFETY DATA SHEET



4700 W. 160TH Street
P.O. Box 35906
Cleveland, Ohio 44135
Emergency Tel No.
(303) 623-5716 Collect

OATEY 95/5 ROSIN CORE WIRE SOLDER

Test Revision Date...06/06/00

Date of Issue.....04/11/05

Section 1

IDENTITY OF MATERIAL

TRADE NAME..... OATEY 95/5 ROSIN CORE WIRE SOLDER
PRODUCT NUMBERS... 53171, 53173, 53175, 53177
FORMULA..... 95/5
SYNONYMS..... 95/5 Rosin Core Solder

SECTION 2

HAZARDOUS INGREDIENTS

<u>INGREDIENTS</u>	<u>%</u>	<u>CAS NUMBER</u>	<u>SEC 313</u>
Tin	<95%	7440-31-5	No
Antimony	< 5%	7440-36-0	Yes
ER99 Core (RA Type) Non-Hazardous	< 1%	N/A	No

SECTION 3

KNOWN HAZARDS UNDER 29 CFR 1910.1200

<u>HAZARDS</u>	<u>YES</u>	<u>NO</u>	<u>HAZARDS</u>	<u>YES</u>	<u>NO</u>
Combustible Liquid		x	Skin Hazard	x	
Flammable Material		x	Eye Hazard	x	
Pyrophoric Material		x	Toxic Agent	x	
Explosive Material		x	Highly Toxic Agent		x
Unstable Material		x	Sensitizer		x
Water Reactive Material		x	Kidney Toxin	x	
Oxidizer		x	Reproductive Toxin		x
Organic Peroxide		x	Blood Toxin		x
Corrosive Material		x	Nervous System Toxin	x	
Compressed Gas		x	Lung Toxin	x	
Irritant	x		Liver Toxin	x	
Carcinogen NTP/IARC/OSHA		x			

SECTION 4

REGULATION

<u>CHEMICAL</u>	<u>TLV (TWA)</u>	<u>PEL</u>	<u>STEL</u>	<u>Hazard Action Level</u>
Tin (Inorganic)	2.0 mg/cu m	2.0 mg/cu m	N/A	N/A
Antimony	0.5 mg/cu m	0.5 mg/cu m	N/A	N/A

SECTION 5

REGULATED IDENTIFICATION

DOT PROPER SHIPPING NAME..... N/A
DOT HAZARD CLASS..... N/A
SHIPPING ID NUMBER..... N/A
EPA HAZARDOUS WASTE ID NUMBER... N/A
EPA HAZARD WASTE CLASS..... N/A

SECTION 6

EFFECTS OF EXPOSURE

ENTRY ROUTE..... INHALE - YES INGEST - YES SKIN - YES EYE - YES
INHALATION..... If heated, fumes may produce respiratory irritation, fever, chills, muscular pain, vomiting, dizziness, sweating, and a metallic taste in mouth. Overexposure to fumes can cause a flu-like condition called Metal Fume Fever. Overexposure to antimony fumes has been reported to cause heart irregularities.
SKIN..... Fumes may cause irritation.
EYE..... Fumes may cause irritation.
INGESTION..... May cause abdominal pain, nausea, vomiting, diarrhea, gastrointestinitis, internal cuts or obstructions.
TARGET ORGANS... Lung, Skin, Eye irritant by heated fumes, kidneys, liver, and heart.
CALIFORNIA..... Formaldehyde Warning: Use of this product exposes the user to formaldehyde, a chemical known to the State
STATE LAW of California to cause cancer.
PROPOSITION 65

SECTION 7

EMERGENCY AND FIRST AID PROCEDURES - 303/623-5716 COLLECT

SKIN..... If irritation arises, wash thoroughly with soap and water. Seek medical attention if irritation persists.
EYES..... If fumes cause irritation, move to fresh air and irrigate eyes with water for 15 minutes. If irritation persists, seek medical attention. If eye is struck with wire, seek medical attention.
INHALATION... Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Keep victim quiet and warm. Call a poison control center or physician immediately.
INGESTION.... Drink water and call a poison control center or physician immediately. Avoid alcoholic beverages. Never give anything by mouth to an unconscious person.

(Continued on next page)

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SECTION 8 **PHYSICAL AND CHEMICAL PROPERTIES**
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NFPA HAZARD SIGNAL..... HEALTH - 1 FLAMMABILITY - 0 STABILITY - 0 SPECIAL - NONE
BOILING POINT..... N/A
MELTING POINT..... 240 Degrees C -- 464 Degrees F
VAPOR PRESSURE..... N/A
VAPOR DENSITY (AIR = 1)... N/A
VOLATILE COMPONENTS..... N/A
SOLUBILITY IN WATER..... Insoluble
PH..... N/A
SPECIFIC GRAVITY..... 9 - 11
EVAPORATION RATE..... N/A
APPEARANCE..... Silver-Gray Wire Metal
ODOR..... None
WILL DISSOLVE IN..... N/A
MATERIAL IS..... Solid

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SECTION 9 **FIRE AND EXPLOSION HAZARD DATA**
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FLAMMABILITY..... LEL = N/A UEL = N/A
FLASHPOINT AND METHOD USED..... N/A
STABILITY..... Stable. CONDITIONS TO AVOID: N/A HAZARDOUS DECOMPOSITION PRODUCTS: Metal fumes above melting point.
HAZARDOUS POLYMERIZATION..... Will not occur. MATERIALS TO AVOID: None
INCOMPATIBILITY/MAT. TO AVOID..... Strong oxidizers, acids, potassium and halogen gases
SPECIAL FIRE FIGHTING PROCEDURE... FOR SMALL FIRES: Use dry chemical, CO(2), water or foam extinguisher. FOR LARGE FIRES: Evacuate area and call fire department immediately.

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SECTION 10 **SPILL AND DISPOSAL INFORMATION**
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SPILL OR LEAK PROCEDURES... Place material in a closed container.
WASTE DISPOSAL..... According to local, state and federal regulations.

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SECTION 11 **SAFE USAGE DATA**
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PROTECTIVE EQUIPMENT TYPES... EYES: Safety glasses with side shields. RESPIRATORY: NIOSH-approved respirator for toxic dust/fumes. GLOVES: Rubber OTHER: None
VENTILATION..... GENERAL MECHANICAL: Necessary if soldering in non-ventilated area. LOCAL EXHAUST: Open doors and windows to remove fumes.
PRECAUTIONS..... HANDLING AND STORAGE: Practice good personal hygiene and housekeeping.

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SECTION 12 **MANUFACTURER OR SUPPLIER DATA**
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FIRM NAME & MAILING ADDRESS... OATEY CO., 4700 WEST 160TH STREET, P.O. Box 35906, CLEVELAND, OHIO 44135
OATEY PHONE NUMBER..... (216) 267-7100
EMERGENCY PHONE NUMBER:..... (303)-623-5716 COLLECT

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SECTION 13 **DISCLAIMER**
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