# **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 ACID CORE WIRE SOLDER

test Revision Date...06/06/00 Date of Issue.....04/11/05 <u>Section 1</u> IDENTITY OF MATERIAL TRADE NAME..... OATEY 95/5 ACID CORE WIRE SOLDER PRODUCT NUMBERS... 22003, 22024, 22025, 53170, 53172, 53174, 53176 FORMULA..... 95/5 SYNONYMS..... NONE SECTION 2 HAZARDOUS INGREDIENTS INGREDIENTS CAS NUMBER SEC 313 Tin <95% 7440-31-5 No < 5% Antimony 7440-36-0 Yes Flux Core < 1% N/A No \_\_\_\_\_\_ KNOWN HAZARDS UNDER 29 CFR 1910.1200 SECTION 3 HAZARDS YES NO HAZARDS YES NO Combustible Liquid x Skin Hazard x Flammable Material Eve Hazard x Pyrophoric Material Toxic Agent Explosive Material Highly Toxic Agent х Unstable Material Sensitizer х Water Reactive Material Kidney Toxin Oxidizer x Reproductive Toxin Organic Peroxide Blood Toxin Corrosive Material Nervous system Toxin x x Compressed Gas x Lung Toxin Irritant Liver Toxin Carcinogen NTP/IARC/OSHA SECTION 4 REGULATION HEMICAL TLV (TWA) PEL STEL Hazard Action Level fin (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 call 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. 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 a ir 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 difficu lt, give oxygen. If not breathing, give artificial respiration. Keep victim quiet and warm. Call a poison control center or physician immediately. INGESTION.... Drink water. DO NOT INDUCE VOMITING and call a poison control center or physician immediately. Avoid alcoholic beverages. Never give anything by mouth to an unconscious person.

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\_\_\_\_\_\_\_ PHYSICAL AND CHEMICAL PROPERTIES FLAMMABILITY - 0 STABILITY - 0 SPECIAL - NONE NFPA HAZARD SIGNAL..... HEALTH - 1 MELTING POINT...... 464 Degrees F (240 Degrees C) VAPOR PRESSURE..... N/A VAPOR DENSITY (AIR = 1)... N/A VOLATILE COMPONENTS..... N/A SOLUBILITY IN WATER..... Insoluble PH..... N/A SPECIFIC GRAVITY..... 9 -EVAPORATION RATE..... N/A APPEARANCE..... Silver-Gray Wire Metal WILL DISSOLVE IN..... N/A MATERIAL IS..... Solid FIRE AND EXPLOSION HAZARD DATA SECTION 9 UEL = N/A FLAMMABILITY..... LEL = 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 or bases, 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. \_\_\_\_\_\_\_\_\_\_\_\_ SECTION 10 SPILL AND DISPOSAL INFORMATION SPILL OR LEAK PROCEDURES... Place material in a closed container. WASTE DISPOSAL..... According to local, state and federal regulations. \_\_\_\_\_\_ SAFE USAGE DATA 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. \_\_\_\_\_\_ MANUFACTURER OR SUPPLIER DATA SECTION 12 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 \_\_\_\_\_\_\_

# SECTION

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