

R & D METALS AND CHEMICALS IN -- 60/40 ROSIN CORE WIRE SOLDER

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MSDS Safety Information
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FSC: 3439
NIIN: 01-312-2368
MSDS Date: 01/01/1997
MSDS Num: CLBDV
Product ID: 60/40 ROSIN CORE WIRE SOLDER
MFN: 01
Responsible Party
Cage: 56406
Name: R & D METALS AND CHEMICALS INC
Address: 201C PERIMETER PARK RO
AD
Box: 22533
City: KNOXVILLE TN 37922-2233
Info Phone Number: 865-531-6065/800-645-7476
Emergency Phone Number: 814-944-0200
Chemtrec IND/Phone: (800)424-9300
Proprietary Ind: Y
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: 56406
Name: R & D METALS & CHEMICALS, INC
Address: 201C PERIMETER PARK
Box: 22533
City: KNOXVILLE TN 37922-2233
Phone: 423-531-6065 / FAX: 423-531-2
044
Contract Number: SP0411-01-M-E997

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Item Description Information
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Ingredients
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Name: *** PROPRIETARY ***

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Health Hazards Data
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Route

Of Entry Inds - Inhalation: YES

Skin: NO

Ingestion: YES

Effects of Exposure: EYES: DUST OR FUME COULD BE IRRITANT TO EYES NOSE & THROAT. SKIN CONTACT: NOT A ROUTE OF ENTRY. SKIN ABSORPTION: NOT A ROUTE OF ENTRY INTO THE BODY. INGESTION: INGESTION OF DUST OR FUME MUST BE AVOIDED. LEAD IS TOXIC AND CUMULATIVE, AFFECTING THE KIDNEYS, REPRODUCTIVE SYSTEM, AND NERVOUS SYSTEM. INHALATION: INHALATION OF DUST AND FUMES MUST BE AVOIDED. IRRITATION OF NOSE & BRONCHIAL TRACT MAY OCCUR AS WELL AS AFFECTS DUE TO ABSORPTION OF LEAD, ETC. IN BLOOD STREAM.

Signs And Symptoms Of Overexposure: INGESTION: SYMPTOMS OF CHRONIC OVEREXPOSURE INCLUDE ANEMIA, ISOMNIA, WEAKNESS, IRRITABILITY, CONSTIPATION AND STOMACH PAINS. TIN IS NOT REGARDED AS TOXIC BUT EXCESSIVE EXPOSURE CAN CAUSE FEVER, NAUSEA , STOMACH CRAMPS OR DIARRHEA.

First Aid: EYES: FLUSH WITH WATER FOR 15 MINUTES. SKIN: WASH THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. INGESTION: INDUCE VOMITTING IF PERSON IS CONSCIOUS. GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION. NOTE TO PHYSICIAN: N/A.

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Handling and Disposal
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Spill Release Procedures: ALLOW TO SOLIDIFY AND COLLECT IN SEALED DRUMS FOR DISPOSAL.

Waste Disposal Methods: RETURN TO SUPPLIER FOR REPROCESSING.

Handling And Storage Precautions: STORAGE-STORE IN DRY CONDITION. HANDLING-LEAD USE IS

REGULATED UNDER OSHA 29CFR 1910.1025. NO FOOD OR DRINK SHOULD BE ALLOWED IN AREAS WHERE THESE PRODUCTS ARE HANDLED. PERSONNEL MUST WASH THOROUGHLY AFTER HANDLING THE METAL BEFORE DRINKING EATING OR SMOKING.

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Fire and Explosion Hazard Information
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Extinguishing Media: N/A.

Fire Fighting Procedures: IF METAL IS PRESENT WHERE THERE IS A FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS IN CASE OF POISONOUS LEAD FUMES.

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Control Measures
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Respiratory Protection: RESPIRATORY PROTECTION IS RECOMMENDED BUT ONLY REQUIRED IF TLV'S ARE EXCEEDED. USE A NIOSH/MSHA APPROVED RESPIRATOR FOR TOXIC DUST AND /OR FUME. NOTE: SEE 29CFR1910.1025 SUBPART (F) OF OSHA'S LEAD STANDARD.

Ventilation: IF FUME OR DUST IS BEING GENERATED, MECHANICAL VENTILATION MUST BE PROVIDED TO MAINTAIN

N EXPOSURE LEVELS TLV'S.

Protective Gloves: NOT NORMALLY NEEDED.

Eye Protection: WEAR SAFETY GLASSES DURING SOLDERING OPERATIONS.

Supplemental Safety and Health: PRODUCT OR TRADE NAME: ROSIN CORE WIRE SOLDER.

PERSON TO CONTACT: SEAN MCHUGH.

Physical/Chemical Properties

HCC: N1

Melt/Freeze Pt: =191.1C, 376.F

M.P/F.P Text: APPROX.

Vapor Pres: NOT VOLATILE

Vapor Density: NOT VOLATI

Sp

ec Gravity: 7-11 APROX.

Solubility in Water: NIL.

Appearance and Odor: SILVER/GRAY COLORED METAL WIRE, SLIGHT ODOR.

Percent Volatiles by Volume: 0-4

Reactivity Data

Stability Indicator: YES

Materials To Avoid: STRNG ACIDS, OXIDIXERS, REDUCING AGENTS

Hazardous Decomposition Products: LEAD FUMES AT HIGH TEMPERATURES (ABOVE 800 DEGREES F).

Hazardous Polymerization Indicator: NO

Toxicological Information

Toxicological Information: SYSTEMIC AND OTHER EFFECTS: UNKNOWN.

MSDS Transport Information

Transport Information: PROPER SHIPPING NAME: NOT REQUIRED. UN NUMBER: N/A. NA NUMBER: N/A. DOT EXEMPTION NO.: N/A. HAZAD CLASS: N/A.

Regulatory Information

Sara Title III Information: PRODUCT CONTAINS A CGEMICAL SUBJECT TO SECTION 313 OF SARA TITLE III.

Other Information

Transportation Information

Responsible Party Cag

e: 56406
Trans ID NO: 156434
Product ID: 60/40 ROSIN CORE WIRE SOLDER
MSDS Prepared Date: 01/01/1997
Review Date: 03/27/2001
MFN: 1
Net Unit Weight: 1 LB
Multiple KIT Number: 0
Review IND: Y

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Detail DOT Information
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DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail IMO Information
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IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
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Detail IATA Information
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IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail AFI Information
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AFI PSN Code: ZZZ
AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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HAZCOM Label
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Product ID: 60/40 ROSIN CORE WIRE SOLDER
Cage: 56406
Company Name: R & D METALS & CHEMICALS, INC
Street: 201C PERIMETER PARK
PO Box: 22533
City: KNOXVILLE TN
Zipcode: 37922-2233
Health Emergency Phone: 814-944-0200
Label Required IND: Y
Date Of Label Review: 03/27/2001

S

tatus Code: A
Year Procured: 2001
Origination Code: F
Chronic Hazard IND: Y
Eye Protection IND: YES
Skin Protection IND: NO
Signal Word: WARNING
Respiratory Protection IND: YES
Health Hazard: Moderate
Contact Hazard: None
Fire Hazard: None
Reactivity Hazard: None

Hazard And Precautions: EYES: DUST OR FUME COULD BE IRRITANT TO EYES NOSE &
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