

"285" ROSIN FLUX CORED SOLDER

MSDS Number

CLPQD

National Stock Number

3439-01-391-8478

Product Name

"285" ROSIN FLUX CORED SOLDER

Manufacturer

EAGLE PICHER TECHNOLOGIES LLC

Product Identification

Product ID:"285" ROSIN FLUX CORED SOLDER

MSDS Date:12/11/1998

FSC:3439

NIIN:01-391-8478

Status Code:A

MSDS Number: CLPQD

Responsible Party

EAGLE-PICHER TECHNOLOGIES, LLC

3820-SOUTH HANCOCK EXPRESSWAY

COLORADO SPRINGS , CO 80911-1231

US

Emergency Phone: (800) 424-9300

Info Phone: 719-392-4266

Cage: 50120

Contractor

WHEELER BROS INC

737

SOMERSET, PA 15501-0737

US

814-443-7000

Cage: 55683

Ingredients

LEAD

CAS: 7439-92-1

RTECS: OF7525000

OSHA PEL0.05 MG/M3

ACGIH TLV: 0.15 MG/M3

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

TIN

CAS: 7440-31-5

RTECS: XP7320000

OSHA PEL2 MG/M3
ACGIH TLV: 2 MG/M3

SILVER
CAS: 7440-22-4
RTECS: VW3500000
OSHA PEL0.01 MG/M3
ACGIH TLV: 0.1 MG/M3
EPA Report Quantity: 1 LB
DOT Report Quantity: 1 LB

BISMUTH
CAS: 7440-69-9
RTECS: EB2600000

ANTIMONY
CAS: 7440-36-0
RTECS: CC4025000
OSHA PEL0.5 MG/M3
ACGIH TLV: 0.5 MG/M3
EPA Report Quantity: 5000 LBS
DOT Report Quantity: 5000 LBS

ROSIN
CAS: 8050-09-7
RTECS: VL0480000

Hazards

Routes of Entry: Inhalation:YES Skin:UNKNOWN Ingestion:YES
Reports of Carcinogenicity:NTP:UNKNOWN IARC:YES
Health Hazards Acute and Chronic:TARGET ORGANS: INGESTION OF LEAD METAL CAN AFFECT KIDNEYS, GASTROINTESTINAL, REPRODUCTIVE AND NEUROLOGICAL SYSTEMS. ACUTE- INHALATION: OVEREXPOSURE TO LEAD MAY RESULT IN CENTRAL NERVOUS SYSTEM DISORDERS CHARACTERIZED BY DROWSINESS, SEIZURES, COMA AND DEATH. EXPOSURE OF THIS MAGNITUDE IS UNLIKELY. SKIN CONTACT: NONE. SKIN ABSORPTION: NONE. EYE CONTACT: NONE. INGESTION: NOT LIKELY TO OCCUR, BUT WOULD HAVE SIMILAR EFFECTS AS INHALATION. CHRONIC: REPEATED INHALATION OR INGESTION OF LEAD CAN RESULT IN SYSTEMIC POISONING.
Effects of Overexposure:TARGET ORGANS: INGESTION OF LEAD METAL CAN AFFECT KIDNEYS, GASTROINTESTINAL, REPRODUCTIVE AND NEUROLOGICAL SYSTEMS. ACUTE- INHALATION: OVEREXPOSURE TO LEAD MAY RESULT IN CENTRAL NERVOUS SYSTEM DISORDERS CHARACTERIZED BY DROWSINESS, SEIZURES, COMA AND DEATH. EXPOSURE OF THIS MAGNITUDE IS UNLIKELY. SKIN CONTACT: NONE. SKIN ABSORPTION: NONE. EYE CONTACT: NONE. INGESTION: NOT LIKELY TO OCCUR, BUT WOULD HAVE SIMILAR EFFECTS AS INHALATION. CHRONIC: REPEATED INHALATION OR INGESTION OF LEAD CAN RESULT IN SYSTEMIC POISONING.
Medical Cond Aggravated by Exposure:LEAD: DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS, KIDNEYS, NERVES AND POSSIBLY REPRODUCTIVE SYSTEMS.

First Aid

First Aid:EYE: FOR BURNS FLUSH IMMEDIATELY WITH COOL WATER. SKIN: FOR BURNS FLUSH IMMEDIATELY WITH COOL WATER. INHALATION: REMOVE PERSON FROM EXPOSURE TO FUMES. INGESTION: IF THOUGHT TO BE OVEREXPOSED, THE PERSON SHOULD HAVE A BLOOD LEAD ANALYSIS DONE. SEEK MEDICAL ASSISTANCE FOR FURTHER TREATMENT, OBSERVATION AND SUPPORT IF NEEDED.

Fire Fighting

Flash Point Method:TOC

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS IF THIS MATERIAL IS IN THE VICINITY OF A FIRE.

Unusual Fire/Explosion Hazard:FLUX IN CORED SOLDER MAY IGNITE WHEN THE SOLDER MELTS IN A FIRE.

Accidental Release

Spill Release Procedures:MELTED SOLDER WILL SOLIDIFY ON COOLING AND CAN BE SCRAPED UP. USE CAUTION TO AVOID BREATHING FUMES IF A GAS TORCH IS USED TO CUT UP LARGE PIECES.

Handling

Handling and Storage Precautions:STORE AWAY FROM SOURCES OF SULFUR. WASH HANDS AFTER HANDLING SOLDER CONTAINING LEAD BEFORE EATING OR SMOKING. AVOID BREATHING SMOKE/FUMES GENERATED DURING SOLDERING. DO NOT PLACE FLUX CORED SOLDER INTO A HOT SOLDER POT BECAUSE THE FLUX MAY IGNITE.

Other Precautions:USE OF STRONG ACID FLUXES MAY RESULT IN LIBERATION OF TOXIC LEAD CHLORINE FUMES. CAUTION: EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUE. OBSERVE ALL LABEL PRECAUTIONS.

Exposure Controls

Respiratory Protection:WHEN VENTILATION IS NOT SUFFICIENT TO REMOVE FUMES FROM THE BREATHING ZONE, A NIOSH APPROVED RESPIRATOR SHOULD BE WORN.

Ventilation:PROVIDE ADEQUATE VENTILATION (GENERAL AND/OR LOCAL) IF NECESSARY TO MEET EXPOSURE REQUIREMENTS. LOCAL EXHAUST VENTILATION IS PREFERRED

Protective Gloves:USUALLY NOT REQUIRED

Eye Protection:WHEN SOLDERING, USE GOGGLES OR FACE SHIELD

Other Protective Equipment:NONE

Work Hygienic Practices:WASH HANDS THOROUGHLY AFTER HANDLING SOLDER CONTAINING LEAD BEFORE EATING OR SMOKING.

Supplemental Safety and Health

DO SOLDERING IN A WELL VENTILATED AREA.

Chemical Properties

HCC:N1

Spec Gravity:>1

Solubility in Water:0

Appearance and Odor:SILVER-GRAY METAL IN WIRE, RIBBON OR PREFORMED SHAPES W/ A CORE OF FLUX;NO ODOR

Stability

Stability Indicator/Materials to Avoid:YES
STRONG ACID, STRONG OXIDIZERS.

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:WHEN HEATED TO SOLDERING TEMPERATURES THE SOLVENT IN THE FLUX WILL BOIL AWAY AND CARRY UP DROPLETS OF ROSIN AND THERMAL DEGRADATION PRODUCTS SUCH AS ALIPHATIC ALDEHYDES, ACIDS AND TERPENES. NO LEAD IS

Conditions to Avoid Polymerization:WILL NOT OCCUR.

Disposal

Waste Disposal Methods:SOLDER CAN BE RECLAIMED.

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