

METCO ALUMINUM AW WIRE

MSDS Number

BXFRK

National Stock Number

3439-01-003-9804

Product Name

METCO ALUMINUM AW WIRE

Manufacturer

METCO INC SUB OF THE PERKIN ELMER CORP

Product Identification

Product ID:METCO ALUMINUM AW WIRE

MSDS Date:03/24/1994

FSC:3439

NIIN:01-003-9804

MSDS Number: BXFRK

Responsible Party

METCO INC, SUB OF THE PERKIN-ELMER CORP

1101 PROSPECT AVENUE

WESTBURY , NY 11590-0201

US

Emergency Phone: 516-334-1300/800-424-9300(CHEMTREC)

Info Phone: 202-483-7616

Cage: 39918

Contractor

METCO INC, SUB OF THE PERKIN-ELMER CORP

WESTBURY, NY 11590-2724

US

516-334-1300

Cage: 39918

Ingredients

ALUMINUM (SARA III)

CAS: 7429-90-5

RTECS: BD0330000

Fraction By Weight: 98%

OSHA PEL15MG/M3 DUST/5 FUME

ACGIH TLV: 10MG/M3 DUST; 9394

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:HAZARD BY INHALATION, SKIN AND EYE CONTACT. INHALATION MAY CAUSE PNEUMONICONIOSIS, PULMONARY, SKIN AND EYE IRRITATION DUE TO ABRASIVE ACTION.

Explanation of Carcinogenicity:NONE SPECIFIED BY MANUFACTURER.

Effects of Overexposure:EYE CONTACT-IRRITATION. SKIN CONTACT-IRRITATION. INHALATION-IRRITATION. INGESTION-IRRITATION.

Medical Cond Aggravated by Exposure:CONSULT A PHYSICIAN.

First Aid

First Aid:EYE-FLUSH EYE WITH SUFFICIENT AMOUNTS OF WATER. IF IRRITATION PERSISTS, CONSULT A PHYSICIAN. SKIN-WASH WITH SOAP AND WATER. INHALATION-EXPOSE TO FRESH AIR. CONSULT A PHYSICIAN IF IRRITATION OR RESPIRATORY DISTRESS PERSISTS. INGESTION-CONSULT A PHYSICIAN.

Fire Fighting

Flash Point:NONE

Extinguishing Media:USE CLASS D FIRE EXTINGUISHER.

Fire Fighting Procedures:TREAT AS A METAL FIRE. USE NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING IF INVOLVED IN A FIRE.

Unusual Fire/Explosion Hazard:MODERATE FIRE HAZARD IN THE FORM OF WIRE WHEN EXPOSED TO FLAME. ALUMINUM IS A FLAMMABLE SOLID; DO NOT EXPOSE TO WATER OR MOISTURE.

Accidental Release

Spill Release Procedures:DRY SWEEP LOOSE/SMALL PIECES OF WIRE.

Neutralizing Agent:NOT RELEVANT

Handling

Handling and Storage Precautions:STORE AWAY FROM INCOMPATIBLES. STORE PRODUCT CONTAINERS IN A WELL-VENTILATED, CLEAN, COOL AND DRY AREA. STORE IN A MANNER TO MINIMIZE CONTAINER BREAKS

Other Precautions:IN THE FORM OF SOLID WIRE, THIS PRODUCT POSES LOW TO NEGLIGIBLE HAZARDS IN TERMS OF INHALATION, INGESTION AND SKIN CONTACT.

Exposure Controls

Respiratory Protection:A RESPIRATOR APPROVED BY NIOSH WITH FILTER CARTRIDGE APPROVED FOR DUST/FUMES/MISTS SHOULD BE WORN AT ALL TIMES DURING THE THERMAL SPRAY PROCESS TO PROTECT THE OPERATOR FROM EXPOSURE TO DUST AND FUMES.

Ventilation:PRODUCT SHOULD BE USED WITH APPROPRIATE LOCAL EXHAUST VENTILATION PROVIDED.

Protective Gloves:ALUMINIZED GLOVES DURING PLASMA SPRAYING

Eye Protection:GOGGLES (LENS SHADES #5/#9/#10 OR #11)

Other Protective Equipment:EYE WASH STATION(S) IS/ARE RECOMMENDED. WASH FACILITIES ARE RECOMMENDED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

EAR PROTECTION MUST BE WORN WHEN THE OPERATOR IS SUBJECTED TO EXCESSIVE NOISE LEVELS. OTHER APPROPRIATE PROTECTIVE CLOTHING MAY BE WORN AS NECESSARY DURING PRODUCT HANDLING TO AVOID EXCESSIVE CONTACT WITH THE SKIN.

Chemical Properties

HCC:F8

Melt/Freeze Pt:M.P/F.P Text:1190-1215F

Spec Gravity:2.7

Solubility in Water:NEGATIVE

Appearance and Odor:WIRE, NO ODOR.

Stability

Stability Indicator/Materials to Avoid:YES

CHLORINE, TURPENTINE, OXIDIZERS, ACETYLENE, MAGNESIUM, ACTIVE METALS.

Stability Condition to Avoid:STRONG IGNITION SOURCES, WELDING ARCS.

Hazardous Decomposition Products:OZONE AND NITRIC ACID ARE FORMED BY PLASMA FLAME (SIMILAR TO WELDING FUMES). THIS ACTION IS INDEPENDENT OF METAL POWDER.

Disposal

Waste Disposal Methods:EMPTY PRODUCT CONTAINERS, PRODUCT WASTE & CLEANING MEDIA SHOULD BE STORED & DISPOSED OF ACCORDING TO THE APPROPRIATE LOCAL, STATE AND FEDERAL REGULATORY GUIDELINES.

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