

METCO INC. -- METCO ALUMINUM WIRE (SF & AW) -- 3439-01-028-8148

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Product Identification  
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Product ID:METCO ALUMINUM WIRE (SF & AW)

MSDS Date:01/01/1987

FSC:3439

NIIN:01-028-8148

MSDS Number: BGFTL

=== Responsible Party ===

Company Name:METCO INC.

Emergency Phone Num:516 334 1300

CAGE:EO530

=== Contractor Identification ===

Company Name:METCO INC, SUB OF THE PERKIN-ELMER CORP

Address:1101

PROSPECT AVENUE

Box:City:WESTBURY

State:NY

ZIP:11590-2724

Country:US

Phone:516-334-1300

CAGE:39918

Company Name:METCO INC.

CAGE:EO530

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Composition/Information on Ingredients  
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Ingred Name:ALUMINUM (SARA III)

CAS:7429-90-5

RTECS #:BD0330000

OSHA PEL:15MG/M3 DUST/5 FUME

ACGIH TLV:10MG/M3 DUST; 9192

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Hazards Identification  
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Effects of Overexposure:RESPIRATORY IRRITATION,POSSIBLE NAUSEA.  
POSSIBLE SKIN IRRITATION.

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===== First Aid Measures =====

First Aid:EXPOSE TO FRESH AIR. IF SKIN IRRITATION OCCURS,WASH W/SOAP & H\*20.IF IRRITATION PERSISTS,CONSULT A PHYSICIAN.

===== Fire Fighting Measures =====

Flash Point:NONE

Extinguishing Media:USE CLASS D EXTINGUISHING AGENTS OR DRY SAND ON FIRES.

Fire Fighting Procedures:TREAT AS A METALLIC FIRE.

Unusual Fire/Explosion Hazard:MODERATE FIRE HAZARD IN THE FORM OF DUST WHEN EXPOSED TO FLAME.

===== Handling and Storage =====

Handling and Storage Precautions:DO NOT PERMIT SPRAY DUST TO ENTER EYES, MOUTH, CUTS, SCRATCHES OR OPEN WOUNDS.

Other Precautions:FOLLOWING LENS SHADES RECOMMENDED FOR PROCESS INDICATED:COMBUSTION SPRAYING SHADE #5,ARC SPRAYING SHADE #9.EAR PROT MUST BE WORN WHEN OPERATOR IS SUBJECT TO EXCESS NOISE LVL.SEE OSHA REQUIREMENT.

===== Exposure Controls/Personal Protection =====

Respiratory Protection

NIOSH/MSHA APPROVED RESPIRATOR FOR DUST/FUMES/MISTS DURING THERMAL SPRAY

Ventilation:LOCAL EXHAUST-CREATE AIR VELOCITY OF 200 FPM.(SEE SUPPLEMENTARY DATA)

Protective Gloves:ALUMINIZED

Eye Protection:RECOMMENDED WHEN HANDLING WIRE

Other Protective Equipment:RECOMMENDED ALUMINIZED GLOVES,ALUMINIZED APRON DURING ARC SPRAYING.

Supplemental Safety and Health

DESCRIPTION:ALUMINUM ALLOY WIRE USED FOR THERMAL SPRAY PROCESS.MELT POINT:1190-1215F. VENTILATION:GENERAL MECHANICAL-ADEQUATE EXHAUST SYSTEM REQUIRED TO AVOID EFFECT OF DUST,

FUME, MIST POSSIBLY GENERATED BY THERMAL SPRAY.

===== Physical/Chemical Properties =====

HCC:N1

Specific Gravity:2.70

Solubility in Water:NEGLIGIBLE

Appearance and Odor:WIRE;NO ODOR

Percent Volatiles by Volume:0

===== Disposal Considerations =====

Waste Disposal Methods:CONSULT LOCAL & FEDERAL REGULATIONS. WASTE DISPOSAL MUST BE IN ACCORDANCE WITH FEDERAL, STATE & LOCAL REGULATIONS.

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