

EATON CORP INDUST. DRIVES, OPERATIONS AIRFLEX DIV -- AIRFLEX PRODUCT MODELS:  
AR,AS,CH -- 2530-01-007-5985

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Product Identification  
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Product ID: AIRFLEX PRODUCT MODELS: AR,AS,CH

MSDS Date: 06/22/1988

FSC: 2530

NIIN: 01-007-5985

MSDS Number: BPRMM

=== Responsible Party ===

Company Name: EATON CORP INDUST. DRIVES, OPERATIONS AIRFLEX DIV

Address: 9919 CLINTON RD

City: CLEVELAND

State: OH

ZIP: 44144-10

35

Country: US

Info Phone Num: 216-281-2211

Emergency Phone Num: 216-281-2211

CAGE: 99185

=== Contractor Identification ===

Company Name: EATON CORP INDUSTRIAL DRIVES OPERATION AIRFLEX DIV

Address: 9919 CLINTON ROAD

Box: City: CLEVELAND

State: OH

ZIP: 44144-1035

Country: US

Phone: 216-281-2211

CAGE: 99185

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

CAS: 7440-50-8

RTECS #: GL5325000

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 0.1MG/M3 FUME/1 DUST

ACGIH TL

V:0.2MG/M3 FUME; 9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:LEAD (SARA III)  
CAS:7439-92-1  
RTECS #:OF7525000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.05 MG/M3;1910.1025  
ACGIH TLV:0.15 MG/M3;DUST 9293  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:GRAPHITE, NATURAL  
CAS:7782-42-5  
RTECS #:MD9659600  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:15 MPPCF RDUST  
ACGIH TLV:2 MG/M3 RDUST; 9293

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===== Hazards Identification =====

Routes of Entry: Inhalation: YES Skin: NO Ingestion: YES  
Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO  
Health Hazards Acute and Chronic: COPPER-METALLIC TASTE, DISCOLORATION OF SKIN & HAIR, "METAL FUME FEVER". COPPER DUST CAN IRRITATE THE UPPER RESPIRATORY TRACT AND MUCOUS MEMBRANES. LEAD-METALLIC TASTE. SEVERE OVEREXPOSURE CAN CAUSE COMA AND DEATH VIA CARDIAC OR RESPIRATORY ARREST. CHRONIC OVEREXPOSURE CAN RESULT IN LEAD POISONING.  
Explanation of Carcinogenicity: LEAD IS A PROBABLE HUMAN CARCINOGEN.  
Effects of Overexposure: COPPER-NAUSEA AND GASTROINTESTINAL DISTRESS. LEAD-STOMACH CRAMPS, VOMITING AND ANEMIA, LOSS OF APPETITE, METALLIC TASTE, INDIGESTION, ABDOMINAL CRAMPS, NERVOUSNESS, INSOMNIA, WEAK WRISTS AND ANKLES, AND A LEAD-LINE ON THE GUMS. LEAD EXPOSURE CAN INJURE A DEVELOPING FETUS.  
Medical Conditions Aggravated by Exposure: RESPIRATORY PROBLEMS IN GENERAL, DERMATITIS AND WILSON'S DISEASE.

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

First Aid:INHALATION-REMOVE VICTIM TO FRESH AIR, OBTAIN MEDICAL ATTENTION. EYES-FLUSH WITH WATER TO REMOVE PARTICULATE, OBTAIN MEDICAL ATTENTION. SKIN-WASH THOROUGHLY WITH SOAP AND WATER; IF IRRITATION DEVELOPS , OBTAIN MEDICAL ATTENTION. INGESTION-OBTAIN MEDICAL ATTENTION IF QUANTITIES ARE INGESTED.

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Fire Fighting Measures  
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Extinguishing Media:DRY CHEMICAL.

Fire Fighting Procedures:FULL PROTECTIVE EQUIPMENT WITH SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:DUST MAY PRESENT AN EXPLOSION HAZARD IF FINELY DIVIDED, DISPERSED IN AIR, AND EXPOSED TO A SOURCE OF IGNITION.

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Accidental Release Measures  
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Spill Release Procedures:ANY RELEASE OR SPILL WHICH MAY INVOLVE DUST SHOULD BE VACUUMED OR WET-SWEPT TO AVOID GENERATING AIRBORNE DUST.

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Handling and Storage  
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Handling and Storage Precautions:IN GENERAL NO SPECIAL PRECAUTIONS IN

HANDLING AND STORAGE REQUIRED. HOWEVER, GOOD HOUSEKEEPING PRACTICES SHOULD BE OBSERVED TO PREVENT DUST ACCUMULATE

Other Precautions:NONE

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Exposure Controls/Personal Protection  
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Respiratory Protection:USE NIOSH APPROVED RESPIRATOR IF EXPOSURE TO DUST OR FUME IS POSSIBLE.

Ventilation:LOCAL AND/OR GENERAL EXHAUST SHOULD BE USED TO KEEP AIRBORNE CONTAMINANTS BELOW TLV'S.

Protective Gloves:GLOVES OR BARRIER CREAMS MAY BE NEEDED.

Eye Protection:

WEAR APPROVED GOGGLES OR SAFETY GLASSES.

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:GOOD HOUSEKEEPING SHOULD BE PRACTICED.

Supplemental Safety and Health

NONE

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Physical/Chemical Properties  
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HCC:N1

Boiling Pt:B.P. Text:3137F,1725C

Melt/Freeze Pt:M.P/F.P Text:621F,327C

Vapor Pres:973 MMHG

Spec Gravity:11.36

Solubility in Water:INSOLUBLE

Appearance and Odor:LEAD

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Stability and Reactivity Data

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Stability Indicator/Materials to Avoid: YES  
STRONG OXIDIZERS.

Stability Condition to Avoid: THIS MATERIAL IS STABLE UNDER NORMAL  
CONDITIONS OF STORAGE, HANDLING AND USE.

Hazardous Decomposition Products: LEAD OR COPPER FUMES AT HIGH  
TEMPERATURES OR ABOVE MELTING POINT.

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

Waste Disposal Methods: CONSULT AND FOLLOW LOCAL, STATE AND FEDERAL  
REGULATIONS FOR DISPOSAL OF SOLID, ENCAPSULATED OR POWDERED (WE  
AR  
DEBRIS-TYPICALY DUST) WASTE CONTAINING SPECIFIED HAZARDOUS  
INGREDIENTS.

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