

AUFHAUSER BROTHERS CORPORATION -- CADMIUM FREE BRAZING ALLOY OF SILVER --
3439-00-956-4183

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===== Product Identification =====

Product ID:CADMIUM FREE BRAZING ALLOY OF SILVER
MSDS Date:08/29/1988
FSC:3439
NIIN:00-956-4183
MSDS Number: BHYCZ
==== Responsible Party ====
Company Name:AUFHAUSER BROTHERS CORPORATION
Address:39 WEST MALL
City:PLAINVIEW
State:NY
ZIP:11803-4209
Country:US
Info Phone Num:516
-694-8695
Emergency Phone Num:516-694-8695
CAGE:59401

==== Contractor Identification ====
Company Name:AUFHAUSER CORP
Address:39 WEST MALL
Box:City:PLAINVIEW
State:NY
ZIP:11803-4209
Country:US
Phone:212-757-6824/FAX: 516-694-8690
CAGE:59401

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===== Composition/Information on Ingredients =====

Ingred Name:SILVER (SARA III)
CAS:7440-22-4
RTECS #:VW3500000
Fraction by Wt: 55-60%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.01 MG/M3
ACGIH TLV:0.1 MG/M3; 9192
EPA Rpt Qty:1 LB
DOT Rpt Q

ty:1 LB

Ingred Name:COPPER (SARA III)
CAS:7440-50-8
RTECS #:GL5325000
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.1MG/M3 FUME/1 DUST
ACGIH TLV:0.2MG/M3 FUME; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ZINC (SARA III)
CAS:7440-66-6
RTECS #:ZG8600000
Other REC Limits:NONE SPECIFIED
OSHA PEL:10 MG ZNO/M3
ACGIH TLV:10 MG ZNO/M3; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:NICKEL (SARA III)
CAS:7440-02-0
RTECS #:QR5950000
Other REC Limits:NONE SPECIFIED
OSHA PEL:1
MG/M3
ACGIH TLV:1 MG/M3; 9192

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:FUMES AND GASES CAN BE DANGEROUS TO
YOUR HEALTH. ARC RAYS CAN INJURE EYES AND BURN SKIN. ELECTRIC SHOCK
CAN KILL.
Explanation of Carcinogenicity:NICKEL IS LISTED UNDER IARC AND NTP.
Effects of Overexposure:ACUTE:METALLIC TASTE,NAUSEA,TIGHTNESS OF

CHEST,FEVER,DIZZINESS,DRYNESS,IRRITATION OF EYES,NOSE AND THROAT.
CHRONIC:EXCESSIVE LEVELS MAY CAUSE BRONQUIAL ASTHMA,LUNG FIBROSIS
AND PNEUMOCONIOSIS.

Medical Cond Aggravated by Exposure:AGGRAVATION OF EXISTING RESPIRATORY
OR ALLERGIC CONDITIONS.HIGHER LEVEL OF LUNG RELATED PROBLEMS AMONG
SMOKERS.

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

First Aid:REMOVE FROM EXPOSURE AND OBTAIN PROMPT MEDICAL ATTENTION. IF
NOT BREATHING,GIVE CPR/OXYGEN. EM

PLOY FIRST AID TECHNIQUES
RECOMMENDED BY AMERICAN RED CROSS.

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

Extinguishing Media:AS APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

===== Accidental Release Measures =====

Spill Release Procedures:CLEAN UP ANY GRINDING DUST OR WASTE RESIDUE AND PLACE IN APPROPRIATE DISPOSAL CONTAINER.

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

Other Precautions:TRAIN WELDER TO KEEP HIS HEAD OUT OF THE FUMES.MONITOR AIR TO ENSURE ACCEPTABLE EXPOSURES.AVOID ELECTRICAL SHOCK BY MAINTAINING DRY WORK AREA. WELDING ARC CAN IGNITE COMBUSTIBLES AND FLAMMABLES.

===== E
xposure Controls/Personal Protection =====

Respiratory Protection:FUME RESPIRATOR OR AIR SUPPLIED RESPIRATOR IN CONFINED SPACES OR WHERE VENTILATION DOES NOT KEEP EXPOSURE BELOW TLV.

Ventilation:LOCAL EXHAUST TO KEEP BELOW TLV.

Protective Gloves:WELDER'S GLOVES.

Eye Protection:HELMET OR FACE SHIELD WITH FILTER LENS.

Other Protective Equipment:SUBSTANTIAL DARK CLOTH,ARM PROTECTOR,APRON,HAT AND SHOULDER PROTECTION.

Work Hygienic Practices:WASH HANDS THOROUGHLY BEFORE EATING,S MOKING OR USING SANITARY FACILITIES.

Supplemental Safety and Health
NONE.

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

HCC:N1

Solubility in Water:INSOLUBLE

Appearance and Odor:METALLIC ROD OR WIRE.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
NONE.

Stability Condition to Avoid:NONE.

Hazardous Decomposition Products:FUMES OF METALS AND METAL OXIDES FROM ELECTRODE AND BASE METAL, CARBON MONOXIDE,

CARBON DIOXIDE, OZONE,
NITROGEN OXIDES.

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

Waste Disposal Methods:CONSULT WITH YOUR LOCAL ENVIRONMENTAL OFFICER.DISPOSE OF FUMES,FLUX OR WELD GRINDING RESIDUE FROM THE WORK AREA OR FROM FILTERS IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

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