

ALUMINUM COMPANY OF AMERICA -- ALUMINUM ALLOYS -- 6750-00-198-4668

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Product Identification  
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Product ID:ALUMINUM ALLOYS

MSDS Date:07/30/1985

FSC:6750

NIIN:00-198-4668

MSDS Number: BRKSH

=== Responsible Party ===

Company Name:ALUMINUM COMPANY OF AMERICA

Address:1501 ALCOA BUILDING

City:PITTSBURGH

State:PA

ZIP:15219

Country:US

Info Phone Num:412-553-2881

Emergency Phone Num:412-553-4001

CA

GE:8B995

=== Contractor Identification ===

Company Name:ALUMINUM COMPANY OF AMERICA

Address:1501 ALCOA BUILDING

Box:City:PITTSBURGH

State:PA

ZIP:15219

Country:US

Phone:412-553-4001

CAGE:8B995

Company Name:MILLER DIAL CORP FOTOFOIL DIVISION

Address:4400 N TEMPLE CITY BLVD

Box:City:EL MONTE

State:CA

ZIP:91731

Country:US

CAGE:91345

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Composition/Information on Ingredients  
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Ingred Name:ALUMINUM

CAS:7429-90-5

RTECS #:BD0330000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.

1 MG/M3  
ACGIH TLV:10 MG/M3

Ingred Name:COPPER  
CAS:7440-50-8  
RTECS #:GL3250000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.2 MG/M3 FUME  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:OZONE  
CAS:10028-15-6  
RTECS #:RS8225000  
Other REC Limits:NONE RECOMMENDED  
ACGIH TLV:0.1 PPM

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ALUM  
INUM DUST/FINES AND FUMES ARE LOW  
HEALTH RISK BY INHALATION. THE POTENTIAL FOR OVEREXPOSURE TO COPPER  
FUME. HOWEVER, MAY EXIST WHEN WELDING, FLAME CUTTING, ETC.  
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT  
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT  
CARCINOGENS.  
Effects of Overexposure:OVEREXPOSURE TO COPPER FUME CAN RESULT IN  
RESPIRATORY TRACT IRRITATION, NAUSEA, AND METAL FUME FEVER.  
Medical Cond Aggravated by Exposure:NONE S  
PECIFIED BY MANUFACTURER.

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

First Aid:NONE SPECIFIED BY MANUFACTURER.

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

Extinguishing Media:USE FIRE FIGHTING METHODS & MATERIALS THAT ARE  
APPROPIATE FOR SURROUNDING FIRE.  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED  
BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING WHEN APPROPRIATE.  
Unusual Fire/Explosion Hazard:DUST CLOUDS MAY BE E

XPLOSIVE. PREVENT

FORMATION OF A DUST CLOUD. MOLTEN ALUMINUM MAY EXPLODE ON CONTACT WITH WATER. REACTS VIOLENTLY WITH WATER, RUST, ETC.

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

Spill Release Procedures:COLLECT SCRAP FOR REMELTING.

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

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.

Other Precautions:NONE

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

Resp

iratory Protection:WHER THE EXPOSURE LIMIT IS OR MAY BE EXCEEDED, USE NIOSH APPROVED RESPIRATORY PROTECTION.

Ventilation:USE WITH ADEQUATE VENTILATION TO MEET EXPOSURE LIMITS.

Protective Gloves:NONE SPECIFIED BY MANUFACTURER.

Eye Protection:NONE SPECIFIED BY MANUFACTURER.

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

HANDLING MOLTEN ALUMINUM PRESENTA SPECIAL HAZARD.

===== Physic  
al/Chemical Properties =====

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:900-1200F

Spec Gravity:0.095-0.113

Solubility in Water:NONE

Appearance and Odor:SOLID, SILVERY, NO ODOR.

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

Stability Indicator/Materials to Avoid:YES

WATER, HEAT, STRONG OXIDIZERS, ACIDS & ALKALIES, AND HALOGENATED COMPOUNDS.

Stability Condition to Avoid:STABLE UNDER NORMAL CONDITIONS OF USE, STORAGE AND TRANSPORTATIONS.

Hazardous Decompositio

n Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:DISPOSAL MUST BE MADE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

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