

KAISER CENTER INC -- ALUMINUM ALLOYS CONTAINING CHROMIUM -- 3439-01-218-5212

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

Product ID:ALUMINUM ALLOYS CONTAINING CHROMIUM

MSDS Date:09/01/1989

FSC:3439

NIIN:01-218-5212

MSDS Number: BQDQJ

=== Responsible Party ===

Company Name:KAISER CENTER INC

Address:300 LAKESIDE DR

City:OAKLAND

State:CA

ZIP:94612-3524

Country:US

Info Phone Num:510-251-3086

Emergency Phone N

um:510-251-3086

CAGE:9B095

=== Contractor Identification ===

Company Name:INWELD MFG CORP

Address:3962 PORTLAND ST

Box:40

City:COPLAY

State:PA

ZIP:18037-0040

Country:US

Phone:610-261-1900

CAGE:66376

Company Name:KAISER CENTER INC

Address:300 LAKESIDE DR

Box:City:OAKLAND

State:CA

ZIP:94612-3524

Country:US

Phone:510-251-3086

CAGE:9B095

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

Ingred Name:NO INGREDIENT FOR THIS FORMULATION\_INGREDIENT

=====  
Hazards Ide  
=====

ntification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:INHALATION: NOT LIKELY UNLESS

MACHINED, WELDED OR REMELTED. EXPOSURE TO ZINC OXIDE FUME CAN RESULT IN "ZINC CHILLS" (METAL FUME FEVER).

Explanation of Carcinogenicity:PRODUCT CONTAINS NO INGREDIENTS

CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA PER MANUFACTURER.

Effects of Overexposure:RESPIRATORY TRACT IRRITATION, EYE IRRITATION,

SKIN IRRITATION, FEVER, CHILLS, NAUSEA, VOMITING AND MUSCULAR PAIN.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:SKIN: REMOVE PARTICLES BY THOROUGHLY WASHING WITH SOAP AND WATER. EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. GET

PHYSICIAN IF IRRITATION PERSISTS. INHALATION: REMOVE FROM EXPOSURE.

GET PHYSICIAN IF EXPERIENCING BREATHING DIFFICULTY. INGESTION: CALL PHYSICIAN IMMEDIATELY.

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

Flash Point:NONFLAMMABLE

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:DRY POWDER OR SAND. DO NOT USE WATER OR HALOGEN ON DUST FIRES.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:DAMP ALUMINUM DUST MAY SPONTANEOUSLY HEAT WITH

LIBERATION OF HYDROGEN TO FORM EXPLOSIVE AIR MIXTURE.

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

Spill Release Procedures:NOT APPLICABLE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:ACIDS & BASES IN CONTAINER WITH

ALUMINUM MAY GENERATE EXPLOSIVE MIXTURES WITH HYDROGEN.

Other Precautions:FINELY DIVIDED ALUMINUM WILL FORM EXPLOSIVE MIXTURE IN AIR. IT WILL

LL ALSO FORM EXPLOSIVE MIXTURE IN AIR IN PRESENCE OF BROMATES, IODATES, OR AMMONIUM NITRATE.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN.

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:CHEMICAL WORKERS GOGGLES.

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

S

Supplemental Safety and Health

ACCUMULATION OF ALUMINUM FINES COULD RESULT IN A POTENTIAL DEGREASER FIRE OR EXPLOSION. VAPOR DEGREASER MUST BE PROPERLY MAINTAINED TO LIMIT THE RISK OF EXPLOSION.

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

HCC:N1

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:950F,510C

Vapor Pres:NIL

Spec Gravity:2.5-2.9

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:NIL

Appearance and Odor:METALLIC APPEARANCE WITH NO ODOR.

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

Stability Indicator/Materials to Avoid:YES

ANHYDROUS BROMINE.

Stability Condition to Avoid:SEE FIRE AND EXPLOSION SECTION.

Hazardous Decomposition Products:WELD OF ALUMINUM ALLOYS MAY GENERATE CO, CO2, OZONE, NOX, INFRA-RED RADIATION & ULTRA-VIOLET RADIATION

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

Waste Disposal Methods:USED OR UNUSED PRODUCT SHOULD BE TESTED TO DETERMINE HAZARD STAT

US AND DISPOSAL REQUIREMENTS UNDER FEDERAL,  
STATE AND LOCAL LAWS AND REGULATIONS. DISPOSER MUST COMPLY WITH  
FEDERAL, STATE AND LOCAL DISPOSAL OR DISCHARGE LAWS.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.