

BELMONT METALS INC -- QQF838 LOW MELTING ALLOYS -- 9650-00-224-8471

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

Product ID:QQF838 LOW MELTING ALLOYS

MSDS Date:02/21/1990

FSC:9650

NIIN:00-224-8471

MSDS Number: BKYJJ

=== Responsible Party ===

Company Name:BELMONT METALS INC

Address:330 BELMONT AVENUE

City:BROOKLYN

State:NY

ZIP:11207

Info Phone Num:(718) 342-4900

Emergency Phone Num:(718) 342-4900

Preparer's

Name:BRUCE N. REED

CAGE:70774

=== Contractor Identification ===

Company Name:BELMONT METALS INC

Address:330 BELMONT AVE

Box:City:BROOKLYN

State:NY

ZIP:11207

Phone:718-342-4900

CAGE:70774

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

Ingred Name:BISMUTH

CAS:7440-69-9

RTECS #:EB2600000

Fraction by Wt: 48-51%

ACGIH TLV:10 MG/CUM

Ingred Name:CADMIUM (SARA III)

CAS:7440-43-9

RTECS #:EU9800000

Fraction by Wt: 9-12%

Other REC Limits:A2 CARCINOGEN

OSHA PEL:SEE 1910.1027

ACGIH

TLV:0.01 MG/M3 DUST;9394
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:LEAD (SARA III)
CAS:7439-92-1
RTECS #:OF7525000
Fraction by Wt: 26%
OSHA PEL:0.05 MG/M3;1910.1025
ACGIH TLV:0.15 MG/M3;DUST 9192
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:TIN
CAS:7440-31-5
RTECS #:XP7320000
Fraction by Wt: 12-14%
OSHA PEL:2 MG/M3
ACGIH TLV:2 MG/M3; 9192

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:EYES/SKIN: DUST MAY BE IRRITATING.
INHALATION: RESPIRATORY SYSTEM IRRITATION, DRYNESS OF THROAT,
HEADACHE, SHORTNESS OF BREATH, VOMITING, NAUSEA, CHILLS &
PNEUMONCONIOSIS. INGESTION: ABSORPTION BY DIGESTIVE SYSTEM.
Explanation of Carcinogenicity:CADMIUM & LEAD ARE SUSPECTED HUMAN
CARCINOGENS BY ACGIH
Effects of Overexposure:EYES/SKIN: IRRITATION. INHALATION: RESPIRATORY
SYSTEM IRRITATION, DRYNESS OF THROAT, HEADACHE, SHORTNESS OF
BREATH, VOMITING, NAUSEA, CHILLS & PNEUMONCONIOSIS. INGESTION:
ABSORPTION BY DIGESTIVE SYSTEM .

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

First Aid:EYES: FLUSH W/PLENTY OF WATER. SKIN: WASH W/SOAP & WATER.
INHALATION: REMOVE TO FRESH AIR. INGESTION: OBTAIN MEDICAL
ATTENTION IN ALL CASES.

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

Extinguishing Media:SAND, DRY CHEMICAL, OR CO2. DON'T USE WATER ON F

IRE

WHERE MOLTEN METAL IS PRESENT

Fire Fighting Procedures:WEAR FULL BODY PROTECTIVE CLOTHING & FULL FACE
PIECE SELF CONTAINED BREATHING APPARATUS OPERATED ON POSITIVE
PRESSURE MODE

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

Spill Release Procedures:DUST MATERIAL SHOULD BE VACUUMED OR WET SWEEPED.
PARTICULATE MATTER SHOULD BE STORED IN DRY CONTAINERS FOR LATER
DISPOSAL. DON'T USE COMPRESSED AIR AS A MEANS OF CLEANING.

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

Handling and Storage Precautions:AVOID INGESTION OR INHALATION. DON'T
USE COMPRESSED AIR ON CLOTHING. NO TOBACCO OR FOOD IN WORK AREA,
WASH THOROUGHLY BEFORE EATING OR SMOKING.

Other Precautions:MACHINING OPERATIONS SUCH AS GRINDING, SAWING,
BUFFING CAN GENERATE AIRBORNE PARTICLES IN THE WORK AREA.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR TOXIC
DUST & FU
ME.

Ventilation:TO MAINTAIN