

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

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Product Identification
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Product ID:LOW MELTING ALLOYS

MSDS Date:02/01/1995

FSC:9650

NIIN:00-224-8471

Status Code:A

MSDS Number: CKHLS

=== Responsible Party ===

Company Name:BELMONT METALS INC

Address:330 BELMONT AVE

City:BROOKLYN

State:NY

ZIP:11207

Info Phone Num:718-342-4900

Emergency Phone Num:718-342-4900

Resp. Party Other

MSDS Num.:2505

Preparer's Name:CHARLES GAVER

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

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Composition/Information on Ingredients
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Ingred Name:LEAD

CAS:7439-92-1

RTECS #:OF7525000

= Wt:26.7

OSHA PEL:0.05MG/M3

ACGIH TLV:0.15 MG/M3

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:TIN

CAS:7440-31-5

RTECS #:XP7320000

= Wt:13.3

OSHA PEL:2.0MG/M3

ACGIH

TLV:2 MG/M3

Ingred Name:BISMUTH

CAS:7440-69-9

RTECS #:EB2600000

= Wt:50.

OSHA PEL:15.0MG/M3 DUST

Ingred Name:CADMIUM

CAS:7440-43-9

RTECS #:EU9800000

= Wt:10.

OSHA PEL:SEE 1910.1027

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:INHALATION: DUST, VAPOR, AND/OR FUME

MAY BE IRRITATING TO TH

E RESPIRATORY SYSTEM AND CAN RESULT IN BOTH

ACUTE AND CHRONIC OVER EXPOSURE. INGESTION: DUST VAPOR AND/OR FUME

MAY BE ABSORBED BY THE DIGEST IVE SYSTEM AND CAN RESULT IN BOTH

ACUTE AND CHRONIC OVER EXPOSURE. EYES: DUST VAPOR AND/OR FUME MAY

CAUSE IRRITATION. SKIN: DUST VAPOR AND/OR FUME MAY CAUSE

IRRITATION.

Explanation of Carcinogenicity:MANUFACTURERS MSDS STATES THAT NONE OF

THE INGREDIENTS ARE LISTED AS CARCINOGENS BY NTP, IARC, OSHA.

CADMIUM AND ITS COMPOUNDS HAV

E BEEN IDENTIFIED AS SUSPECTED CANCER

CAUSING AGENTS

Effects of Overexposure:OVERHEATING OF ALLOY CAN PRODUCE METAL FUMES

AND OXIDES. MACHINING OPERATIONS SUCH AS GRINDING, SAWING, BUFFING

CAN GENERATE AIRBORNE PARTICULATE IN THE WORK AREA. EXPOSURE LEVELS

INDICATED FOR INGRE DIENTS ARE RELEVANT TO THESE AND OTHER

OPERATIONS. CADMIUM:GI UPSET, SALIVATION, SHOCK, LIVER AND KIDNEY

DAMAGE, PULMONARY DISTURBANCES, FEVER, LUNG CONGESTION AND OTHERS.

LEAD: AN ACCUMULATIVE

POISON , FATIGUE, HEADACHE ACHING BONES AND
MUSCLES, SEIZURES, COMA, DEATH AND OTHERS. TIN: STANNOSIS.
BISMOUTH: NOT ESTABLISHED.

Medical Cond Aggravated by Exposure:N.AP

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

First Aid:INHALATION: REMOVE FROM EXPOSURE. GET MEDICAL ATTENTION.
INGESTION: GET IMMEDIATE MEDICAL ATTENTION. EYE CONTACT: FLUSH WITH
COPIOUS QUANTITIES OF WATER. GET MEDICAL ATTENTION IMMEDIATELY.
SKIN CONTACT: WASH THOROUGHLY WITH SOAP AND WATER. SKIN
ABSORPTION: N.AP.

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

Flash Point:N.AP
Autoignition Temp:Autoignition Temp Text:N.AP
Lower Limits:N.AP
Upper Limits:N.AP
Extinguishing Media:SAND, DRY CHEMICAL, OR CO2 SHOULD BE USED ON
SURROUNDING FIRE. DO NOT USE WATER ON FIRE WHERE MOLTEN METAL IS
PRESENT.
Fire Fighting Procedures:USE FULL PROTECTIVE CLOTHING AND FULL FACE
PIECE. SELF CONTAINED BREATHING APPARATUS OPERATED ON POSITIVE
PRESSURE MODE.
Unusual Fire/Explosion Hazard:MOLTEN METALS PRODUCE FUME, VAPOR AND OR
DUST THAT MAY BE TOXIC AND/OR RESPIRATORY IRRITANTS. METAL REACTS
WITH OXIDIZING AGENTS.

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

Spill Release Procedures:DUST MATERIAL SHOULD BE VACUUMED OR WET SWEEP
WHEN VACUUMING IS NOT FEASIBLE. PARTICULATE MATTER SHOULD BE STORED
IN DRY CONTAINERS FOR LATER DISPOSAL. DO NOT USE COMPRESSED AIR AS
A MEANS OF CLEANING .

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

Handling and Storage Precautions:SIGNS & LABELS IN WORK AREAS & FOR
CONTAMINATED CONTAINERS OR EQUIPMENT MAY BE REQUIRED UNDER OSHA
REGULATIONS. MEDICAL EXAMINATIONS, MONITORING, RECORDKEEPING AND
HYGIENE FACILITIES AND PRACTICES SPECIFIED BY OSHA MAY HAVE TO BE
MET. EMPLOYEE TRAINING PROGRAM MAY ALSO BE REQUIRED.
Other Precautions:PRACTICE GOOD HOUSEKEEPING & PERSONAL HYGIENE
PROCEDURES. NO TOBACCO OR FOOD IN WORK

AREA. WASH THOROUGHLY BEFORE
EATING OR SMOKING. AVOID INGESTION OR INHALATION. TAKE A SHOWER AND
CHANGE CLOTHES AT END OF SHIFT. DO NOT WEAR CONTAMINATED CLOTHING
HOME. DO NOT USE COMPRESSED AIR ON CLOTHING.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR FOR TOXIC DUST
AND OR FUME.

Ventilation:LOCAL VENTILATION RECOMMENDED. REQUIRED IF THRESHOLD
LIMITSS AARE EXCEEDED.

Protective Gloves:GLOVES SHOUL
D BE WORN WHEN HANDLING THIS PRODUCT.

Eye Protection:FACE SHIELD OR VENTED GOGGLES SHOULD BE WORN.

Other Protective Equipment:FULL PROTECTIVE CLOTHING (COVERALLS) SHOULD
BE WORN DURING PRODUCT USE AND PROPERLY LAUNDERED AFTER USE.

Work Hygienic Practices:PRACTICE GOOD HOUSEKEEPING & PERSONAL HYGIENE
PROCEDURES. NO TOBACCO OR FOOD IN WORK AREA. WASH THOROUGHLY BEFORE
EATING OR SMOKING.

Supplemental Safety and Health

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

HCC:N1

Boiling Pt:B.P. Text:N.AP

Melt/Freeze Pt:=70.C, 158.F

Vapor Pres:N.AP

Vapor Density:N.AP

Spec Gravity:9.6

Evaporation Rate & Reference:N.AP

Appearance and Odor:GRAY METALLIC, NO ODOR.

Percent Volatiles by Volume:N.AP

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS MAY CAUSE VIOLENT REACTION.

Stability Condition to Avoid:N.AP

Hazardous Decomposition Products:AT TEMPERATURES ABOVE MELTING POINT
TOXIC

FUMES OR VAPORS MAY BE EMITTED.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSE OF TOXIC SUBSTANCES AND HAZARDOUS WASTE
IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATION. NOT RCRA
OR DOT REGULATED.

===== MSDS Transport Information =====

Transport Information:NOT DOT REGULATED FOR TRANSPORTATION.

===== Regulatory Information ====
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SARA Title III Information:LEAD, CAS# 7439-92-1 AND CADMIUM,
CAS#7440-43-9 ARE SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION
313 OF TITLE III OF THE SUPERFUND AMENDMENT AND REAUTHORIZATION
ACT OF 1986 AND 40 CFR PART 372.

State Regulatory Information:

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