

INDIUM CORP OF AMERICA -- INDALLOY 109 -- 3439-00-044-5006

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Product Identification
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Product ID:INDALLOY 109

MSDS Date:01/01/1990

FSC:3439

NIIN:00-044-5006

MSDS Number: BMTTT

=== Responsible Party ===

Company Name:INDIUM CORP OF AMERICA

Address:1676 LINCOLN AVE

City:UTICA

State:NY

ZIP:13502

Country:US

Info Phone Num:315-797-1630

Emergency Phone Num:315-797-1630

Preparer's Name:P.A. SOCHA

CAGE:74858

=== Contractor Identification ===

Company Name:INDIUM CORP OF AMERICA

Address:1676-80 LINCOLN AVE

Box:City:UTICA

State:NY

ZIP:13502

Country:US

Phone:315-768-6400

CAGE:74858

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Composition/Information on Ingredients
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Ingred Name:TIN

CAS:7440-31-5

RTECS #:XP7320000

Fraction by Wt: 60%

Other REC Limits:NONE SPECIFIED

OSHA PEL:2 MG/M3

ACGIH TLV:2 MG/M3; 9192

Ingred Name:LEAD (SARA III)

CAS:7439-92-1

RTECS #:OF7525000

Fraction by Wt: 40%

Other REC Limits:NONE

SPECIFIED

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

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

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

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

Health Hazards Acute and Chronic:ACUTE: SYMPTOMS OF LEAD POISONING.
CHRONIC: ANEMIA, PATHOLOGICAL LESIONS OF KIDNEYS, LIVER, MALE
GONADS.

Explanation of Carcinogenicity:LEAD IS LISTED UNDER NTP AND IARC

Effects of Overexposure:ABDOMINAL PAIN, JOINT AND MUSCLE PAINS,
WEAKNESS, SKIN IRRITATION, NERVOUS DISORDERS, VOMITING, DIARRHEA,
LIVER AND KIDNEY DAMAGE, ENCEPHALOPATHY.

Medical Cond Aggravated by Exposure:ANY EXISTING MEDICAL CONDITIONS MAY
BE AGGRAVATED.

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

First Aid:EYES:FLUSH WITH PLENTY OF WATER.IF IRRITATION PERSISTS,SEE
DOCTOR. SKIN:REMOVE CONTAMINATED CLOTHING.WASH WITH SOAP AND
WATER.IF IRRITATION

PERSISTS SEE DOCTOR. INHALATION:REMOVE TO FRESH
AIR.GIVE CPR /OXYGEN IF NEEDED. SEE DOCTOR.

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

Flash Point:NONE

Extinguishing Media:USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED
CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:SOLID MASSIVE FORM OF MATERIAL IS NOT
COMBUST

IBLE UNDER ORDINARY FIRE CONDITIONS. MODERATE IN THE FORM OF
DUST AND EXPOSED TO HEAT, FLAMES OR STRONG OXIDIZERS.

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

Spill Release Procedures:AVOID CONDITIONS WHICH CREATE FUMES OR FINE
DUST. SWEEP OR VACUUM SOLIDS. DO NOT RAISE DUST LEVEL. RESPIRATOR
RECOMMENDED.

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

Handling and Storage Precautions:USE GOOD HOUSKEEPING PRACTICES TO
AVOID ACCUMULA

TION OF DUST. STORE AWAY FROM INCOMPATIBLE MATERIALS
AND KEEP DUST AWAY FROM SOURCES OF IGNITION.

Other Precautions:NONE NOTED.

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

Respiratory Protection:USE NIOSH/MSHA-APPROVED RESPIRATOR WITH DUST
CARTRIDGE IF TLV IS EXCEEDED.

Ventilation:LOCAL EXHAUST TO MAINTAIN EXPOSURE LEVEL BELOW TLV.

Protective Gloves:PROTECTIVE GLOVES.

Eye Protection:SAFETY GLASSES W/SIDE SHIELD OR GOGGLES.

Other Protective Equipment:COVERALLS, L
AB COAT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health
NONE.

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

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:370F,188C

Spec Gravity:8.50

Solubility in Water:INSOLUBLE

Appearance and Odor:SILVER-GRAY WIRE. NO ODOR.

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

OXIDIZERS, ACIDS, BASES.

Stability Condition

to Avoid:NONE NOTED.

Hazardous Decomposition Products:OXIDES OF TIN AND LEAD.

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

Waste Disposal Methods:NOTIFY YOUR LOCAL ENVIRONMENTAL OFFICER. KEEP IN
COVERED CONTAINERS PENDING DISPOSAL.DISPOSE OF IN ACCORDANCE WITH
FEDERAL.STATE AND LOCAL REGULATIONS.

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