

INDIUM CORPORATION OF AMERICA -- SN63PB37 WITH RMA-SMQ51A,C,AC -- 3439-01-415-2258

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

Product ID:SN63PB37 WITH RMA-SMQ51A,C,AC
MSDS Date:07/22/1997
FSC:3439
NIIN:01-415-2258
Status Code:A
MSDS Number: CKJRJ
=== Responsible Party ===
Company Name:INDIUM CORPORATION OF AMERICA
Address:1676 LINCOLN AVENUE
City:UTICA
State:NY
ZIP:13502
Info Phone Num:315-853-4900
Emergency Phone Num:315-853-4900
Preparer's Name:ARTHUR T. HALPIN
Chemtrec Ind/Phone:(800)424-9300
CAGE:HO634
=== Contractor Identification ===
Company Name:INDIUM CORPORATION OF AMERICA
Address:1676 LINCOLN AVENUE
Box:City:UTICA
State:NY
ZIP:13502
Phone:315-853-4900
CAGE:HO634

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

Ingred Name:ROSIN, POLYMERS OR ROSIN
CAS:65997-05-9
Minimum % Wt:3.
Maximum % Wt:10.8

Ingred Name:LEAD
CAS:7439-92-1
RTECS #:OF7525000
Minimum % Wt:30.
Max

umum % Wt:35.
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
Minumum % Wt:50.
Maxumum % Wt:58.
ACGIH TLV:2 MG/M3

Ingred Name:HYDROGENATED CASTOR OIL
CAS:8001-78-3
RTECS #:FI4130000
Minumum % Wt:.1
Maxumum % Wt:1.8

Ingred Name:POLYETHYLENE-POLYPROPYLENE GLYCOL MONOBUTYL ETHER OR
POLYGLYCOL ETHER
CAS:9038-95-3
RTECS #:MO0911000
Minumum % Wt:1.5
Maxumum % Wt:6.3

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

LD50
LC50 Mixture:NO DATA PROVIDED BY RESPONSIBLE PARTY.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGAN EFFECTS: CENTRAL NERVOUS
SYSTEM DAMAGE. REPRODUCTIVE DISORDERS. MAY CAUSE LIVER & KIDNEY
DAMAGE. INGESTION: MAY CAUSE HEADACHE, NAUSEA, VOMITING, DIZZINESS,
AND/OR GASTROINTESTINAL IRRITA TION. SKIN: MAY CAUSE MILD SKIN
IRRITATION. INHALATION: EXCESSIVE INHALATION CAUSES H
EADACHE,
DIZZINESS, NAUSEA, & INCOORDINATION. EYE: MAY IRRITATE EYES.
CHRONIC EFFECTS: THIS PRODUCT IS CLASSIFIED B Y THE IARC AS A GROUP
2B CARCINOGEN (POSSIBLY CARCINOGENIC). CARCINOGENIC INGREDIENTS:
LEAD.
Explanation of Carcinogenicity:THIS PRODUCT IS CLASSIFIED BY THE IARC
AS A GROUP 2B CARCINOGEN (POSSIBLY CARCINOGENIC). CARCINOGENIC
INGREDIENTS: LEAD.
Effects of Overexposure:INGESTION: MAY CAUSE HEADACHE, NAUSEA,
VOMITING, DIZZINESS, AND/OR GASTROINTESTINAL I

IRRITATION. SKIN: MAY

CAUSE MILD SKIN IRRITATION. INHALATION: EXCESSIVE INHALATION CAUSES HEADACHE, DIZZINESS, NAUSEA, & INCOORDINATION. EYE: MAY IRRITATE EYES.

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

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

First Aid: INGESTION: CONSULT PHYSICIAN. IF SWALLOWED, DILUTE WITH 1-2 GLASSES OF MILK OR WATER & THEN INDUCE VOMITING. SKIN: WASH WITH SOAP & WATER. INHALATION:

MOVE PERSON TO FRESH AIR. EYE: IN CASE OF CONTACT, OR SUSPECTED CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES & GET MEDICAL ATTENTION IMMEDIATELY AFTER FLUSHING. NOTE TO PHYSICIAN: TREATMENT BASED ON SOUND JUDGEMENT OF PHYSICIAN & INDIVIDUAL REACTIONS OF PATIENT.

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

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICALS, FOAM

Fire Fighting Procedures: NONE REQUIRED; HOWEVER, WHEN FIGHTING CHEMICAL

FIRES, SELF CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING IS RECOMMENDED.

Unusual Fire/Explosion Hazard: NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Spill Release Procedures: WIPE, SCRAPE OR SOAK UP IN AN INERT MATERIAL & PUT IN A CONTAINER FOR DISPOSAL.

Neutralizing Agent: NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Handling and Storage

Precautions: GOOD HYGIENIC PRACTICES SHOULD BE OBSERVED. WORK CLOTHES SHOULD BE WASHED SEPARATELY AT THE END OF EACH WORK DAY. DISPOSABLE CLOTHING SHOULD BE DISCARDED WITH MATERIAL, KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions: NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Respiratory Protection: APPROPRIATE RESPIRATORY PROTECTION IS REQUIRED WHEN EXPOSURE TO AIRBORNE CONTAMINANT IS LIKELY TO EXCEED

ACCEPTABLE LIMITS. RESPIRATORS SHOULD BE SELECTED & USED IN ACCORDANCE WITH OSHA, SUBPART I (29 CFR 1910.134) & MANUFACTURER'S RECOMMENDATIONS.

Ventilation:MECHANICAL VENTILATION. LOCALIZED VENTILATION SHOULD BE USED TO CONTROL DUST LEVELS. EXHAUST VENTILATION.

Protective Gloves:ALL CLEANABLE IMPERVIOUS GLOVE TYPES ARE ACCEPTABLE.

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:SHOWERS, EYEWASH STATIONS, LAB COAT.

Work Hygienic Practices:GOOD HYGIENIC PRACTICES SHOULD BE OBSERVED.

WORK CLOTHES SHOULD BE WASHED SEPARATELY AT THE END OF EACH WORK DAY.

Supplemental Safety and Health

NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

HCC:N1

Melt/Freeze Pt:=-183.C, 361.4F

M.P/F.P Text:EUTECTIC (MELTING)

Spec Gravity:4.7 TO 5.2

Solubility in Water:INSOLUBLE

Appearance and Odor:PASTE, SLIGHT CHARACTERISTIC ODOR, METALLIC GRAY COLOR.

Percent Volatiles by Volume: