

INDIUM CORP OF AMERICA -- FLUX #5RMA & #5RMA-NC -- 3439-00-069-5815

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Product Identification  
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Product ID:FLUX #5RMA & #5RMA-NC

MSDS Date:05/01/1992

FSC:3439

NIIN:00-069-5815

MSDS Number: CDKPC

=== Responsible Party ===

Company Name:INDIUM CORP OF AMERICA

Address:1676-80 LINCOLN AVE

City:UTICA

State:NY

ZIP:13502

Country:US

Info Phone Num:315-768-6400

Emergency Phone Num:315-853-4900

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:ISOPROPYL ALCOHOL (SARA 313)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 60-75%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM/500STEL;9596

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA 313) (CERCLA)

CA

S:78-93-3  
RTECS #:EL6475000  
Fraction by Wt: 3-9%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:200 PPM  
ACGIH TLV:200 PPM/300STEL;9596  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:MODIFIED GUM ROSIN  
Fraction by Wt: 20-40%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:GUM ROSIN  
Fraction by Wt: 20-40%  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin  
:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE:INHAL:NOSE/EYE/THROAT  
IRRIT.EYE/SKIN:MECHANICAL  
IRRIT.INGEST:UNKNOWN.CHRONIC:INHAL:RESPIRATORY IRRIT  
(SLIGHT).EYE/SKIN:MECHANICAL IRRIT.INGEST:UNKNOWN.  
Explanation of Carcinogenicity:PER  
MSDS:CARCINOGENICITY:NTP/IARC/OSHA:NO.  
Effects of Overexposure:MILD IRRITATION OF  
EYES,NOSE,THROAT.HEADACHES,DIZZINESS.  
Medical Cond Aggravated by Exposure:ANY EXISTING MEDICAL CONDI  
TIONS MAY  
BE AGGRAVATED.

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

First Aid:IF HOT COOL AFFECTED AREA AS SOON AS POSSIBLE IN COLD  
WATER.CONSULT PHYSICIAN.SKIN:REMOVE CONTAMIN CLOTH.WASH  
W/SOAP/WATER.EYE:FLUSH W/WATER FOR 15MINS.INHAL:NO TOXIC EFFECTS  
KNOWN.INGEST:1-2 GLASSES OF WATER.CONSULT PHYSICIAN.

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

Flash Point Method:SCC  
Flash Point:53.0F,11.7C  
Autoignition Temp:Autoignition

Temp Text:852F

Lower Limits:2.5

Upper Limits:12

Extinguishing Media:"ALCOHOL"FOAM,DRY CHEMICAL.USE ONLY A CLASS "B"  
FIRE EXTINGUISHER.AVOID CONTACT W/WATER.

Fire Fighting Procedures:USE ONLY A CLASS "B" FIRE EXTINGUISHER.AVOID  
CONTACT W/WATER.

Unusual Fire/Explosion Hazard:KEEP AWAY FROM OPEN FLAMES & OTHER  
SOURCES OF IGNITION.MOLTEN ROSIN MAY FOAM IF CONTACTED W/WATER.

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

Spill Release Procedures:NORMAL CLEANUP.AVOID  
ID SOURCES OF

IGNITION.SOAK UP W/ABSORBENT AND SHOVEL INTO WASTE CONTAINER.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE FLUX IN TIGHTLY CAPPED  
BOTTLES.60-80F.NOTE:ROSIN PYROLYSIS PRODUCTS AS FORMALDEHYDE HAS  
TLV OF 0.1MG/M3.FORMALDEHYDE A CARCINOGENIC POT TO MAN.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

===== Exposure Controls/Personal Protection ====  
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Respiratory Protection:GOVERNMENT APPROVED DUST-FUME MASK.

Ventilation:LOCAL EXHAUST/MECHANICAL(GENERAL):RECOMMENDED.

Protective Gloves:RECOMMENDED.

Eye Protection:RECOMMENDED(SAFETY GLASSES,GOGGLES).

Other Protective Equipment:LAB COAT,COVERALLS.

Work Hygienic Practices:NORMAL SAFETY & WORK PRACTICES THAT ARE  
CONSISTENT W/GOOD PERSONAL HYGIENE.

Supplemental Safety and Health

AUTO IGN/UEL FLAMM LIMITS ARE FOR ALCOHOL.

===== Physical/Chemical Properties =====  
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HCC:F3

Boiling Pt:B.P. Text:176F,80C

Melt/Freeze Pt:M.P/F.P Text:NA

Decomp Temp:Decomp Text:NP

Vapor Pres:33

Vapor Density:2.07 ALCOH

Spec Gravity:0.875G/CC

pH:NP

Viscosity:NP

Evaporation Rate & Reference:NP

Solubility in Water:MISCIBLE

Appearance and Odor:AMBER COLOR, W/ALCOHOL ODOR.

Percent Volatiles by Volume:NP

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES

REACTS VIOLENTLY

M,OLEUM,COCL2,POTASSIUM-TERT-BUTOXIDE,AL,AL TRI  
ISOPROPOXIDE,OXIDANTS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER. HMIS:KEEP  
AWAY FROM OPEN FLAMES & OTHER SOURCES OF IGNITION.

Hazardous Decomposition Products:MAY DECOMPOSE & FORM NOXIOUS FUMES.

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH APPLICABLE  
REGULATIONS.

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