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RM ENGINEERED PRODUCTS, INC. -- RL 8741B COMPONENT B -- 8010-01-141-2419

Product ID:RL 8741B COMPONENT B

MSDS Date:01/01/1987

FSC:8010

NIIN:01-141-2419

Kit Part:Y

MSDS Number: BHWMQ === Responsible Party ===

Company Name: RM ENGINEERED PRODUCTS, INC.

Address:4854 O'HEAR AVENUE City:NORTH CHARLESTON

State:SC ZIP:29406 Country:US

Info Phone Num:803-744-6261

Emergenc

y Phone Num:803-744-6261

CAGE:0DCP7

=== Contractor Identification ===

Company Name: RM ENGINEERED PRODUCTS INC

Address:4854 O HEAR AVE Box:City:NORTH CHARLESTON

State:SC ZIP:29406 Country:US

Phone:803-744-6261

CAGE:0DCP7

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

Ingred Name:1,6-DIISOCYANATOHEXANE (HEXAMETHYLENE DIISOCYANATE)

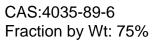
CAS:822-06-0

RTECS #:MO1740000 Fraction by Wt: 1.2%

ACGIH TLV:0.005 PPM; 9192

EPA Rpt Qty:1 LB DOT Rpt Qty:1 LB

Ingred Name: HOMOPOLYMER OF HDI



Ingred Name: N-BUTYL ACETATE (SARA III)

CAS:123-86-4

RTECS #:AF7350000 Fraction by Wt: 25%

OSHA PEL:150 PPM/200 STEL ACGIH TLV:150 PPM/200STEL;9192

EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:1 MG/M3 RECOMMENDED, N-BUTYL ACETATE
150 PPM. EXPOSURE ABOVE TLV MAY LEAD TO BRONCHITIS, BRONCHIAL
SPASMS

& PULMONARY EDEMA. MAY CAUSE IRRITATION OR CORROSIVE ACTION ON SKIN, EYES AND INTERNAL TISSUE SENSITIZATION IS KNOWN.

Effects of Overexposure:1 MG/M3 RECOMMENDED, N-BUTYL ACETATE 150 PPM. EXPOSURE ABOVE TLV MAY LEAD TO BRONCHITIS, BRONCHIAL SPASMS & PULMONARY EDEMA. MAY CAUSE IRRITATION OR CORROSIVE ACTION ON SKIN, EYES AND INTERNAL TISSUE SENSITIZATION IS KNOWN.

First Aid:EYES: FLUSH WITH CLEAN, LUKEWARM WA

TER, OBTAIN MEDICAL

ATTENTION. SKIN: WASH WITH SOAP & WATER. INHALATION: MOVE TO AREA FREE FROM RISK AND ADMINISTER OXYGEN OR ARTIFICIAL RESPIRATION AS NEEDED, OBTAI N MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. CONSULT PHYSICIAN.

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

Flash Point Method:PMCC Flash Point:82 F/28 C Lower Limits:1.7 Upper Limits:7.6 Extinguishing Media: DRY C

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, HIGH EXPANSION CHEMICAL FOAM.

Fire Fig

hting Procedures: FULL EMERGENCY EQUIPMENT, SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING SHOULD BE WORN. SOLVENT VAPOR HEAVIER THAN AIR. Unusual Fire/Explosion Hazard: HDI VAPORS AND HIGHLY TOXIC GASSES MAY BE GENERATED. CLOSED CONTAINERS MAY EXPLODE IN EXTREME HEAT OR BURST WHEN CONTAMINATED WITH WATER. ========= Accidental Release Measures ================ Spill Release Procedures: EVACUATE NON-ESSENTIAL PERSONNEL. VENTILATE & REMOVE ALL SOURC ES OF IGNITION. COVER SPILL WITH ABSORBENT MATERIAL. NOTIFY AUTHORITIES, REACT WITH DECONTAMINATION SOLUTION FOR 10 MIN, TERGITOL TMN-10(2 0%) WATER (80%).RESPIRATORY PROTECTION RECOMMENDED ============ Handling and Storage =========================== Handling and Storage Precautions: KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAMES. STORE IN TIGHTLY CLOSED CONTAINERS TO PREVENT MOISTURE CONTAMINATION. Other Precautions: GROUND CONTAINER DURING STORAGE AND TRANSFER **OPERA** TIONS. ===== Exposure Controls/Personal Protection ======== Respiratory Protection: AIR LINE RESPIRATORS UNLESS SAMPLING DATA ALLOWS CHEMICAL CARTRIDGE RESPIRATORS. Ventilation: LOCAL EXHAUST: KEEP CONCENTRATION BELOW TLV. SPECIAL: EXPLOSION PROOF. MECHANICAL: KEEP CONCENTRATION BELOW TLV. Protective Gloves: CHEMICAL RESISTANT. Eye Protection: SPLASH PROOF SAFETY GOGGLES. Other Protective Equipment: EYEWASH AND SHOWER. Supplemental Safety and Health KEY1=F4. =========== == Physical/Chemical Properties ========= HCC:F3 Boiling Pt:B.P. Text:>248F,>120C Vapor Pres: THAN AIR Spec Gravity: 1.06 (H20=1) Evaporation Rate & Reference: SLOWER (BU ACETATE=1) Solubility in Water: INSOLUBLE Appearance and Odor:CLEAR PALE YELLOW LIQUID WITH SOLVENT ODOR. Percent Volatiles by Volume:30

WATER, AMINES, STRONG BASES, ALCOHOLS, METAL COMPOUNDS, SUFACE ACT

IVE MATERIALS.

Stability Condition to Avoid:POLYMERIZATION MAY OCCUR WITH MOISTURE OR OTHER ISOCYANATE REACTIVE MATERIALS OR MAY OCCUR ABOVE 400 F. Hazardous Decomposition Products:BY HEAT AND FIRE: CARBON DIOXIDE,

CARBON MONOXIDE, OXIDES OF NITROGEN, TRACES OF HCN OR HDI.

Conditions to Avoid Polymerization: MOISTURE, ISOCYANATE REACTIVE MATERIALS OR TEMPERATURES ABOVE 400 F.

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

Waste Disposal Methods: IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL

REGULATIONS. INCINERATION IS THE PREFERRED METHOD. EMPTY CONTAINERS MUST BE HANDLED WITH CARE DUE TO PRODUCT RESIDUE AND FLAMMABLE SOLVENT VAPORS.

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