

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

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-DIISOCYANATOHXANE (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

CAS:4035-89-6  
Fraction by Wt: 75%

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

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

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.

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

First Aid:EYES: FLUSH WITH CLEAN, LUKEWARM WATER, OBTAIN MEDICAL  
ATTENTION. SKIN: WASH WITH SOAP & WATER. INHALATION: MOVE TO AREA  
FREE FROM RISK AND ADMINISTER OXYGEN OR ARTIFICIAL RESPIRATION AS  
NEEDED, OBTAIN MEDICAL ATTENTION. INGESTION: DO NOT INDUCE  
VOMITING. CONSULT PHYSICIAN.

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

Flash Point Method:PMCC  
Flash Point:82 F/28 C  
Lower Limits:1.7  
Upper Limits:7.6  
Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, HIGH EXPANSION  
CHEMICAL FOAM.  
Fire Fig

Handling 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 GASES 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 SOURCES OF IGNITION. COVER SPILL WITH ABSORBENT MATERIAL. NOTIFY AUTHORITIES, REACT WITH DECONTAMINATION SOLUTION FOR 10 MIN, TERGITOL TMN-10(20%) 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 OPERATIONS.

===== 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 (H2O=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

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

Stability Indicator/Materials to Avoid: YES

WATER, AMINES, STRONG BASES, ALCOHOLS, METAL COMPOUNDS, SURFACE 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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