

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

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CAGE:0DCP7

=== Contractor Identification ===

Company Name:RM ENGINEERED PRODUCTS INC

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Box:City:NORTH CHARLESTON

State:SC

ZIP:29406

Country:US

Phone:803-744-6261

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===== 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

===== 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.

===== 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.

===== 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 Pressure: LESS THAN AIR  
Specific 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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