

RM ENGINEERED PRODUCTS, INC. -- RL 8741B COMPONENT B -- 8010-01-131-6261

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

Product ID:RL 8741B COMPONENT B

MSDS Date:01/01/1987

FSC:8010

NIIN:01-131-6261

Kit Part:Y

MSDS Number: BHWMH

=== 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

Emergen

cy 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

===== 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 AND EYES. 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
AND EYES. INTERNAL TISSUE SENSITIZATION IS KNOWN.

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

First Aid:EYES: FLUSH WITH CLEAN LUKEWARM WA
TER, OBTAIN MEDICAL
ATTENTION. SKIN: WASH WITH SOAP AND WATER. INHALATION: MOVE TO AREA
FREE FROM RISK, 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 Figh

ting Procedures:FULL EMERGENCY EQUIPMENT, SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING SHOULD BE WORN. SOLVENT VAPORS 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 SOURCES 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 FLAME. STORE IN TIGHTLY CLOSED CONTAINERS TO PREVENT MOISTURE CONTAMINATION.

Other Precautions:GROUND CONTAINERS 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 CONCENTRATIONS 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, 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:INCINERATE IN A FURNACE WHERE PERMITTED UNDER

APPROPRIATE FEDERAL, STATE AND LOCAL REGULATIONS. EMPTY CONTAINERS MAY CONTAIN RESIDUE AND FLAMMABLE SOLVENT VAPOR.

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