

CIBA-GEIGY CORP, REN PLASTICS DIV. -- RP 6401 RESIN -- 9330-01-225-0175

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

Product ID:RP 6401 RESIN

MSDS Date:12/07/1989

FSC:9330

NIIN:01-225-0175

Kit Part:Y

MSDS Number: BNWVT

=== Responsible Party ===

Company Name:CIBA-GEIGY CORP, REN PLASTICS DIV.

Address:4917 DAWN AVE

City:EAST LANSING

State:MI

ZIP:48823-5605

Country:US

Info Phone Num:517-351-5900

Emergency Pho

ne Num:800-888-8372

Preparer's Name:PRODUCT SAFETY DIRECTOR

CAGE:04482

=== Contractor Identification ===

Company Name:CIBA SPECIALTY CHEMICALS CORPORATION

Address:4917 DAWN AVE

Box:City:EAST LANSING

State:MI

ZIP:48823-5691

Country:US

Phone:517-351-5900

CAGE:02684

Company Name:CIBA-GEIGY CORP, CIBA PHARMACEUTICALS DIV.

Address:556 MORRIS AVENUE

Box:City:SUMMIT

State:NJ

ZIP:07901-1303

Country:US

Phone:201-277-5405

CAGE:04482

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

In

gred Name:HYDROGENATED TERPHENYLS  
CAS:61788-32-7  
RTECS #:WZ6535000  
OSHA PEL:0.5 PPM  
ACGIH TLV:0.5 PPM; 9192

Ingred Name:METHYLENE BISPHENYL ISOCYANATE (MDI) (SARA III)  
CAS:101-68-8  
RTECS #:NQ9350000  
OSHA PEL:C, 0.02 PPM  
ACGIH TLV:0.005 PPM; 9192  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:HIGHER OLIGOMERS OF MDI (POLYMETHYLENE POLYPHENYLENE  
POLYISOCYANATE)  
CAS:9016-87-9  
RTECS #:TR0350000  
Other REC Limits:NONE RECOMMENDED

Ingred Name:1,1'-METHYLENE BIS(ISOCYANATOBENZENE)  
CAS:25686-28-6  
O  
ther REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: RESPIRATORY & DERMAL IRRITANT;  
POSSIBLE CNS' EFFECTS; SENSITIZATION CAUSING ALLERGIC SKIN &  
RESPIRATORY REACTIONS. CHRONIC: NON-CITED.  
Effects of Overexposure:CONTACT W/ LIQUID CAUSES EYE & SKIN IRRITATION.  
IF INHALED CAUSES BREATHLES  
SNESS, CHEST DISCOMFORT & REDUCED  
PULMONARY FUNCTION. MAY CAUSE ALLERGIC SKIN & RESPIRATORY REACTIONS  
IN SOME INDIVIDUALS, LE ADING TO ASTHMA TYPE SPASMS OF THE  
BRONCHIAL TUBES & DIFFICULTY IN BREATHING.  
Medical Cond Aggravated by Exposure:PERSONS W/ ASTHMATIC-TYPE  
CONDITIONS, CHRONIC BRONCHITIS, OTHER CHRONIC RESPIRATORY DISEASES,  
EYE CONDITIONS OR RECURRENT SKIN ECZEMA OR SENSITIZATION SHOULD BE  
EXCLUDED FROM WORKING W/ ISOCYANATES.

===== First Aid M

Measures =====

First Aid:EYES: IMMEDIATELY FLUSH W/WATER FOR AT LEAST 15 MIN.GET MED ATTN; SKIN:WASH W/SOAP & WATER. REMOVE CONTAMINATED CLOTHING & LAUNDER BEFORE REUSE; INGEST:IF CONSCIOUS,GIVE PLENTY OF WATER TO DRINK. DO NOT INDUCE VOMITING. GET MED ATTN; INHAL:REMOVE TO FRESH AIR. GIVE OXYGEN AND/OR ARTIFICIAL RESPIRATION, IF NEEDED. GET MED ATTN. REFERRAL TO PHYSICIAN IS RECOMMENDED IF THERE IS QUESTION ABOUT INJURY

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

Flash Point Method:OC

Flash Point:>345F,>174C

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, WATER-FOG OR CHEMICAL FOAM.

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS

Unusual Fire/Explosion Hazard:DECOMPOSITION AND COMBUSTION PRODUCTS MAY BE TOXIC. AVOID WATER CONTAMINATION IN CLOSED CONTAINERS OR CONFINED SPACES. CARBON DIOXIDE EVOLVED.

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

Spill Release Procedures:

ABSORB W/ABSORBENT MATERIAL & PLACE IN OPEN

TOP CONTAINER. UNDER GOOD VENTILATION,DECONTAMINATE ABSORBANT & SPILL AREA W/ A MIXTURE OF 90% WATER, 8% AMMONIA, & 2% DETERGENT(EXOTHERMIC REACTION). LEAVE VENTILATED 24 HRS BEFORE DISPOSAL. AVOID CONTACT.

Neutralizing Agent:FOR ABSORBANT & SPILL AREA: 90% WATER, 8% AMMONIA & 2% DETERGENT(EXOTHERMIC RXN)

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

Handling and Storage Precautions:WARNING! HARMFUL IF INHALED.CAUSES

SKIN & EYE IRRITATION. CAUSES ALLERGIC SKIN & RESPIRATORY REACTION. AVOID CONTACT W/ EYES, SKIN & CLOTHING.

Other Precautions:AVOID BREATHING VAPOR OR MIST. AVOID PROLONGED OR REPEATED CONTACT W/SKIN. KEEP CONTAINER CLOSED.USE W/ ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. NUISANCE DUST MAY BE GENERATED WHEN SANDING/SAWING CURED MATERIAL.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:ORGANIC VAPOR RES

PIRATOR IF TLV IS NOT EXCEEDED.  
FOR EXPOSURES IN EXCESS OF THE TLV, AN AIR SUPPLIED RESPIRATOR  
WOULD BE REQUIRED.  
Ventilation:GENERAL MECHANICAL & LOCAL EXHAUST I/A/W ACGIH  
RECOMMENDATIONS.  
Protective Gloves:IMPERVIOUS SYNTHETIC  
Eye Protection:SPLASH-PROOF CHEMICAL GOGGLES.  
Other Protective Equipment:SUPPLIER DID NOT ADDRESS THIS FIELD.  
Work Hygienic Practices:SUPPLIER DID NOT ADDRESS THIS FIELD. SEE  
HANDLING/STORAGE PRECAUTIONS.  
Supplemental Safety and Health  
MSDS RECEIVED FROM  
NAVY (FOCAL POINT N). NAVY IDENTIFIED NSN.

===== Physical/Chemical Properties =====

HCC:T4  
Vapor Pres:0.11 MM  
Vapor Density:>1.0  
Spec Gravity:1.17-1.21  
Solubility in Water:REACTS  
Appearance and Odor:CLEAR AMBER LIQUID.  
Percent Volatiles by Volume:NEGLIG

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

Stability Indicator/Materials to Avoid:YES  
WATER/ALCOHOLS/STRONG OXIDIZING AGENTS/STRONG BASES/ METAL-ORGANIC  
COMPOUNDS.  
Stability Condition  
to Avoid:AVOID PROLONGED HEATING OVER 160F/71.1C OR  
STORING BELOW 75F/23.9C. AVOID WATER CONTAMINATION.  
Hazardous Decomposition Products:COMBUSTION MAY FORM TOXICS. CARBON  
MONOXIDE,CARBON DIOXIDE,BENZENE, TOLUENE,OXIDES OF  
NITROGEN,HYDROGEN CYANIDE.  
Conditions to Avoid Polymerization:CONTAMINATION W/ MOISTURE & OTHER  
PRODUCTS THAT REACT W/ ISOCYANATES.

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

Waste Disposal Methods:CONSULT QUALIFIED LOCAL OR CORPORATE

## PERSONNEL

FOR METHOD THAT WILL COMPLY WITH LOCAL, STATE AND FEDERAL HEALTH ENVIRONMENTAL REGULATIONS.

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