

CIBA-GEIGY CORP/FORMULATED SYSTEMS GROUP -- RP 6401 RESIN -- 9330-01-225-0175
===== Product Identification =====

Product ID:RP 6401 RESIN
MSDS Date:06/01/1989
FSC:9330
NIIN:01-225-0175
Kit Part:Y
MSDS Number: BGQXL
=== Responsible Party ===
Company Name:CIBA-GEIGY CORP/FORMULATED SYSTEMS GROUP
Address:4917 DAWN AVE
City:EAST LANSING
State:MI
ZIP:48823
Country:US
Info Phone Num:517-351-5900
Emerg
ency Phone Num:800-888-8372
CAGE:02864
=== 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/HAWTHORNE, NY 10532
CAGE:02864

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

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

Ingred Name:METHYLENE BISPH

ENYL 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

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===== Hazards Identification =====
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LD50 LC50 Mixture:NONE CITED

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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 &
RES

PIRATORY REACTIONS. CHRONIC: NON-CITED.

Effects of Overexposure:CONTACT W/ LIQUID CAUSES EYE & SKIN IRRITATION.

IF INHALED CAUSES BREATHLESSNESS, 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.

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===== First Aid Measures =====
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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.DONOT INDUCE VOMITING. GET MED ATTN; INHAL:REMOVE TO FRESH
AIR. GIVE OXYGEN AND/OR ARTIFICIAL RESPIRA

TION, IF NEEDED. GET MED

ATTN. REFER TO MEDICAL FOR ANY QUESTION ABOUT INJURY'S SERIOUSNESS.

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===== Fire Fighting Measures =====
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Flash Point Method:OC

Flash Point:>345F/>173.9

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.

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===== Accidental Release Measures ====
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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 TOUCH!

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

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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.

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Exposure Controls/Personal Protection

Respiratory

Protection: ORGANIC VAPOR RESPIRATOR 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: IMPERMEABLE

Eye Protection: SPLASH-PROOF CHEMICAL GOGGLES.

Work Hygienic Practices: AVOID CONTACT W/ EYES, SKIN & CLOTHING. AVOID BREATHING VAPOR OR MIST. AVOID PROLONGED OR REPEATED SKIN CONTACT.

Supplemental Safety and Health

KEY1: T4.

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Physical/Chemical Properties

HCC: T4

Vapor Pressure: 0.11 @ 160F

Vapor Density: > 1.0

Spec Gravity: 1.17-1.21

Solubility in Water: REACTS

Appearance and Odor: CLEAR AMBER LIQUID.

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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: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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