

RP 6402 RESIN

MSDS Number

BBHSZ

National Stock Number

8010-00F001076

Product Name

RP 6402 RESIN

Manufacturer

CIBA GEIGY CORP REN PLASTICS DIV

Product Identification

Product ID:RP 6402 RESIN

MSDS Date:02/02/1990

FSC:8010

NIIN:00F001076

Kit Part:Y

MSDS Number: BBHSZ

Responsible Party

CIBA-GEIGY CORP REN PLASTICS DIV

4917 DAWN AVE

EAST LANSING , MI 48823-5605

US

Emergency Phone: 800-888-8372

Info Phone: 517-351-5900

Preparer: M MUNSELL

Cage: 02684

Contractor

CIBA SPECIALTY CHEMICALS CORPORATION

EAST LANSING, MI 48823-5691

US

517-351-5900

Cage: 02684

Ingredients

DIPHENYLMETHANEDIISOCYANATE (MDI), METHYLENE BIS

CAS: 101-68-8

RTECS: NQ9350000

Fraction By Weight: 47.5%

OSHA PEL0.02 PPM

ACGIH TLV: 0.051 MG/CUM

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

HIGHER OLIGOMERS OF MDI, POLYMETHYLENE POLYPHENYLENE

CAS: 9016-87-9

RTECS: TR0350000

ACGIH TLV: 0.005 PPM

HYDROGENATED TERPHENYLS

CAS: 61788-32-7

RTECS: WZ6535000

OSHA PEL0.5 PPM

ACGIH TLV: 5 MG/CUM

BENZENE, 1,1-'METHYLENEBIS (4-ISOCYANATO-), HOMOPOLYMER

CAS: 25686-28-6

ACGIH TLV: 0.005 PPM

Hazards

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SKIN: IRRITATION & ALLERGIC REACTIONS.

EYES: IRRITATION. INHALATION: RESPIRATORY REACTIONS, HARMFUL.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION, ALLERGIC REACTIONS. INHALATION: BREATHLESSNESS, CHEST DISCOMFORT, REDUCED PULMONARY FUNCTION, RESPIRATORY REACTIONS LEADING TO ASTHMA TYPE SPASMS OF THE BRONCHIAL TUBES & DIFFICULTY IN BREATHING.

Medical Cond Aggravated by Exposure:ASTHMATIC-TYPE CONDITIONS, CHRONIC BRONCHITIS, OTHER CHRONIC RESPIRATORY DISEASES, EYE CONDITIONS OR RECURRENT SKIN ECZEMA OR SENSITIZATION

First Aid

First Aid:EYES: IMMEDIATELY FLUSH W/WATER FOR 15 MINS. SKIN: WASH W/SOAP & WATER. INGESTION: IF CONSCIOUS, GIVE PLENTY OF WATER TO DRINK. DON'T INDUCE VOMITING. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN & ARTIFICIAL RESPIRATION IF NEEDED. OBTAIN MEDICAL ATTENTION IN ALL CASES. REFERRAL TO A PHYSICIAN IS RECOMMENDED IF THERE IS ANY QUESTION ABOUT THE SERIOUSNESS OF ANY INJURY.

Fire Fighting

Flash Point Method:PMCC

Flash Point:>230F

Extinguishing Media:CO2, DRY CHEMICAL, FOAM, WATER

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS

Unusual Fire/Explosion Hazard:AVOID WATER CONTAMINATION IN CLOSED CONTAINERS OR CONFINED AREAS, AS CO2 MAY EVOLVE. DECOMPOSITION & COMBUSTION PRODUCTS MAY BE TOXIC.

Accidental Release

Spill Release Procedures:USE ABSORBENT MATERIAL & PLACE IN OPEN TOP CONTAINER. UNDER GOOD VENTILATION, DECONTAMINATE ABSORBANT & SPILL AREA W/MIXTURE OF 90% WATER; 8% AMMONIA; 2% DETERGENT (EXOTHERMIC REACTION). LEAVE VENTILATED 24 HRS BEFORE DISPOSAL. AVOID CONTACT.

Neutralizing Agent:90% WATER, 8% AMMONIA, & 2% DETERGENT (EXOTHERMIC REACTION)

Handling

Handling and Storage Precautions:AVOID CONTACT W/EYES, SKIN, & CLOTHING. AVOID BREATHING VAPOR OR MIST. AVOID PROLONGED OR REPEATED CONTACT W/SKIN. KEEP CONTAINER CLOSED.

Other Precautions:USE W/ADEQUATE VENTILATION. NUISANCE DUST MAY BE GENERATED WHEN SANDING OR SAWING CURED MATERIAL. AVOID PROLONGED HEATING >160F OR STORING PRODUCT MAY PRODUCE INHALABLE VAPORS.

Exposure Controls

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: REQUIRED.

Protective Gloves:IMPERVIOUS SYNTHETIC

Eye Protection:SPLASH-PROOF CHEMICAL GOGGLES

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE
REUSE. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

Chemical Properties

Vapor Pres:0.11

Vapor Density:>1

Spec Gravity:1.17-1.21

Appearance and Odor:CLEAR AMBER LIQUID

Percent Volatiles by Volume:NEGL

Stability

Stability Indicator/Materials to Avoid:YES

WATER/ALCOHOLS/STRONG OXIDIZING AGENTS/BASES, METAL-ORGANIC COMPOUNDS

Stability Condition to Avoid:HEATING >160F OR STORING Hazardous Decomposition Products:CO, CO2, BENZENE, TOLUENE, NITROGEN
OXIDES, HYDROGEN CYANIDE

Conditions to Avoid Polymerization:CONTAMINATION W/MOISTURE & OTHER
PRODUCTS THAT REACT W/ISOCYANATES

Disposal

Waste Disposal Methods:CONSULT QUALIFIED LOCAL OR CORPORATE PERSONNEL
FOR METHOD THAT WILL COMPLY WITH LOCAL, STATE & FEDERAL HEALTH AND
ENVIRONMENTAL REGULATIONS.

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