

CIBA GEIGY CORP/PLASTICS & ADDITIVES -- R1604T -- 8305-01-246-4175

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Product Identification
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Product ID:R1604T

MSDS Date:05/05/1988

FSC:8305

NIIN:01-246-4175

MSDS Number: BTVSH

=== Responsible Party ===

Company Name:CIBA GEIGY CORP/PLASTICS & ADDITIVES

Address:THREE SKYLINE DRIVE

City:HAWTHORNE

State:NY

ZIP:10532-2119

Country:US

Info Phone Num:914-785-2000/800-888-8372

Emergency Phone Nu

m:800-888-8372/914-785-2000

Preparer's Name:JANOS SCHULZE

CAGE:EO487

=== Contractor Identification ===

Company Name:CIBA GEIGY CORP/PLASTICS & ADDITIVES

Address:THREE SKYLINE DRIVE

City:HAWTHORNE

State:NY

ZIP:10532-2119

Country:US

Phone:914-785-2000

CAGE:EO487

Company Name:CIBA-GEIGY CORP ADDITIVES DIV.

Address:SEVEN SKYLINE DRIVE

Box:City:HAWTHORNE

State:NY

ZIP:10532-2119

Country:US

Phone:800-888-8372

CAGE:07566

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Composition/Information on Ingredients
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Ingred Name:

GLYCIDYL BENZENAMINE

Ingred Name:4,4,'-DIAMINODIPHENYLMETHANE, 4,4-METHYLENE DIANILINE
(SUSPECTED CARCINOGEN-ACGIH, NTP; ANIMAL SUFFICIENT IARC-2B)*94-2
CAS:101-77-9
RTECS #:BY5425000
Other REC Limits:0.1 PPM
ACGIH TLV:0.1 PPM (SKIN)
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:2-BUTANONE (METHYL ETHYL KETONE) (MEK)
CAS:78-93-3
RTECS #:EL6475000
Other REC Limits:590 MG/CUM
OSHA PEL:200 PPM
ACGIH TLV:200 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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Hazards Identif
ication =====

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:SKIN/EYES/INHALATION:
IRRITANT/SENSITIZER. ACUTE OVEREXPOSURE:
IRRITATION/SENSITIZATION/DERMATITIS. FOR METHYLENE DIANILINE:
FEVER/CHILL/ANOREXIA/VOMITING. CHRONIC OVEREXPOSURE: HUMAN LIVER
TOXIN/FEVE R/CHILLS/ANOREXIA/VOMITING/TOXIC
HEPATITIS/JAUNDICE/HEPATOTOXIC EFFECTS.

Explanation of Carcinogenicity
:SEE INGREDIENTS

Effects of Overexposure:SKIN/EYES/INHALATION: IRRITANT/SENSITIZER.
ACUTE OVEREXPOSURE: IRRITATION/SENSITIZATION/DERMATITIS. FOR
METHYLENE DIANILINE: FEVER/CHILL/ANOREXIA/VOMITING. CHRONIC
OVEREXPOSURE: HUMAN LIVER TOXIN/FEVE
R/CHILLS/ANOREXIA/VOMITING/TOXIC HEPATITIS/JAUNDICE/HEPATOTOXIC
EFFECTS.

Medical Cond Aggravated by Exposure:LIVER DISEASE, JAUNDICE, SKIN/EYE
CONDITIONS.

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First Aid Measures =====

First Ai

d:EYES: IMMEDIATELY FLUSH W/WATER FOR 15 MINS. SKIN: WASH W/SOAP & WATER. ANY MATERIAL ADHERING SHOULD BE REMOVED W/RESIN REMOVING CREAMS. DON'T USE SOLVENTS. INGESTION: IF CONSCIOUS GIVE LARGE QUANTITIES OF WATER. INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Extinguishing Media:CO2, FOAM, DRY CHEMICAL, WATER SPRAY.

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS. COOL

FIRE EXPOSED CONTAINERS W/WATER. COOL SURROUNDING EQUIPMENT/STRUCTURES W/WATER IN CASE OF LARGE FIRES.

Unusual Fire/Explosion Hazard:DECOMPOSITION/COMBUSTION PRODUCTS MAY BE TOXIC.

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

Spill Release Procedures:COLLECT & PLACE INTO A CLOSABLE CONTAINER FOR DISPOSAL. WEAR PROTECTIVE EQUIPMENT.

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

Handling and Storage Precautions:STORE IN DRY CHEMICAL STORAGE FACILITY

IN TIGHTLY CLOSED CONTAINERS. STORE AWAY FROM FOOD, FOOD CONTAINERS & CLOTHING.

Other Precautions:AVOID CONTACT W/EYES, SKIN/CLOTHING. DON'T BREATHE DUST/VAPOR/MIST/SPRAY. USE ONLY W/GOOD VENTILATION.

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

Respiratory Protection:USE NIOSH APPROVED ORGANIC VAPOR CARTRIDGE RESPIRATOR WHEN VAPOR/MIST EXPOSURE IS LIKELY.

Ventilation:REQUIRED.

Protective Gloves:RECOMMENDED.

Eye Protection:SAFETY GLASSES/GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING, BARRIER CREAM

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

Supplemental Safety and Health

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

Melt/Freeze Pt:M.P/F.P Text:140F

Decomp Temp:Decomp Text:392F

Spec Gravity:1.2

Solubility in Water:INSOLUBLE

Appearance and Odor:LIGHT YELLOW RESIN ON WHITE FABRIC W/NO ODOR

Perc

ent Volatiles by Volume:200F.

Hazardous Decomposition Products:CO, CO2, NITROGEN OXIDES/OTHER TOXIC ORGANIC SPECIES.

Conditions to Avoid Polymerization:DON'T HEAT IN BULK. DANGEROUS EXOTHERMIC REACTION MAY OCCUR.

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

Waste Disposal Methods:BURY/INCINERATE IN APPROVED SITE/FACILITY IAW/LOCAL, STATE & FEDERAL REGULATIONS.

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