

CIBA-GEIGY CORPORATION, COMPOSITE MATERIALS -- R913G, FIBREDUX913G --
8040-01-386-7187

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

Product ID:R913G, FIBREDUX913G

MSDS Date:04/11/1995

FSC:8040

NIIN:01-386-7187

Status Code:A

MSDS Number: CLNCM

=== Responsible Party ===

Company Name:CIBA-GEIGY CORPORATION, COMPOSITE MATERIALS

Address:5115 EAST LAPALMA AVENUE

City:ANAHEIM

State:CA

ZIP:92807-2018

Country:US

In

fo Phone Num:714-779-9000

Emergency Phone Num:800-888-8372

Preparer's Name:ERNEST CARTER

Chemtrec Ind/Phone:(800)424-9300

CAGE:30137

=== Contractor Identification ===

Company Name:CIBA-GEIGY CORPORATION, COMPOSITE MATERIALS

Address:5115 EAST LAPALMA AVENUE

Box:City:ANAHEIM

State:CA

ZIP:92807-2018

Country:US

Phone:714-779-9000

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

Ingred Name:BISPHENOL-A EPOXY RESIN

Ingred Name:GLYCIDYL BENZENAMINE

Ingred Name:CHLORIN

ATED SUBSTITUTED UREA
ACGIH TLV:10 MG/M3

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

LD50 LC50 Mixture:NONE

Health Hazards Acute and Chronic:ORAL LD50: (RAT) 1-10 GM/KG
(COMPONENT) DERMAL LD50: (RABBIT) 2-GM/KG (COMPONENT) SKIN
IRRITATION: IRRITANT. EYE IRRITATION: IRRITANT. SENSITIZATION:
SENSITIZER.

Effects of Overexposure:OVEREXPOSURE EFFECTS: OVEREXPOSURE TO THIS
MATERIAL CAN CAUSE SKIN, EYE, AND RESPIRATORY IRRITATION. IN ANIMAL
STUDIES, COMPON

ENTS IN THIS PRODUCT HAVE RESULTED IN EFFECTS TO THE
KIDNEY, MALE REPRODUT IVE SYSTEM AND THE BLOOD, EVIDENCED BY
METHEMOGLOBINEMIA.

Medical Cond Aggravated by Exposure:SKIN AND EYE CONDITIONS.

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

First Aid:EYES: FOR EYE CONTACT, IMMEDIATELY FLUSH EYES FOR AT LEAST
15 MINUTES, WITH RUNNING WATER. HOLD EYELIDS APART TO ENSURE
RINSING OF THE ENTIRE EYE SURFACE AND LIDS WITH WATER. FOR SKIN
CONTACT, IMMEDI ATEL
Y WIPE AWAY EXCESS MATERIAL WITH A DRY TOWEL,
WASH AFFECTED AREAS THOROUGHLY WITH LARGE AMOUNTS OF WATER, AND
SOAP. INGESTION: IF SWALLOWED, IMMEDIATELY GIVE AT LEAST 3-4
GLASSES OF WATER. IF INHA LED, REMOVE FROM AREA TO FRESH AIR. IF
NOT BREATHING, GIVE CPR. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:NONE

Autoignition Temp:Autoignition Temp Text:NONE

Lower Limits:NONE

Upper Limits:NONE

Extinguishing Media:

CARBON DIOXIDE, FOAM, DRY CHEMICAL, WATER SPRAY.

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS.

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

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

Spill Release Procedures:COLLECT AND PLACE INTO A CLOSABLE CONTAINER
FOR DISPOSAL. WEAR PROTECTIVE EQUIPMENT AS SPECIFIED BELOW.

Neutralizing Agent:NONE

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

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Handling and Storage Precautions:WARNING ! CAUSES IRRITATION AND HARMFUL IF INGESTED. MAY CAUSE EFFECTS TO THE KIDNEY, BLOOD OR MALE REPRODUCTIVE SYSTEM. DO NOT HEAT IN BULK, AS DANGEROUS DECOMPOSITION MAY OCCUR, WITH TOXIC FUMES LIBERATED. AVOID CONTACT WASH THOROUGHLY AFTER HANDLING, AND BEFORE EATING DRINKING, OR SMOKING.

Other Precautions:WEAR PROTECTIVE CLOTHING.

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

Respiratory Protection:USE NIOSH-APPROVED ORGANIC RESPIRATOR.

Ventilation:WORK IN WELL VENTILATED AREAS.

Protective Gloves:WORK GLOVES RECOMMENDED.

Eye Protection:WEAR SAFETY GLASSES OR GOGGLES.

Other Protective Equipment:NONE

Work Hygienic Practices:NONE

Supplemental Safety and Health

NONE

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

Boiling Pt:B.P. Text:NONE

Melt/Freeze Pt:=80.C, 176.F

Decomp Temp:>300.C, 572.F

Spec Gravity:1.4 (WATER=1.0)

Solubility in Water:INSOLUBLE

Appearance and Odor:LIGHT YELLOW RESIN ON BLACK GRAPHITE FIBER/FABRIC

Percent Volatiles by Volume: