

FIBER-RESIN CORP -- FR-7010-B, HARDENER, PART B -- 8040-01-137-8442

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

Product ID:FR-7010-B, HARDENER, PART B

MSDS Date:01/01/1987

FSC:8040

NIIN:01-137-8442

Kit Part:Y

MSDS Number: BGNNL

=== Responsible Party ===

Company Name:FIBER-RESIN CORP

Address:170 W PROVIDENCIA AVE

Box:4187

City:BURBANK

State:CA

ZIP:91503

Country:US

Info Phone Num:213-849-4608

Emergency Phon

e Num:213-849-4608

CAGE:26348

=== Contractor Identification ===

Company Name:FIBER RESIN CORPORATION, H.B. FULLER COMPANY SUBSIDIARY

Address:20701 NORDHOFF ST

Box:City:CHATSWORTH

State:CA

ZIP:91311

Country:US

Phone:818-882-3022

CAGE:26348

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

Ingred Name:POLYAMIDE RESIN

CAS:68410-23-1

Fraction by Wt: 50-70%

Other REC Limits:NONE SPECIFIED

Ingred Name:TRIETHYLENE TETRAMINE

CAS:112-24-3

RTECS #:YE6650000

Fraction by Wt: 2-10%

Othe

r REC Limits:NONE SPECIFIED

Ingred Name:4,4'-METHYLENE DIANILINE (SARA III)

CAS:101-77-9

RTECS #:BY5425000

Fraction by Wt: 10-30%

Other REC Limits:NONE SPECIFIED

ACGIH TLV:S; 0.1 PPM; A2; 9192

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:2-ETHYL-4-METHYLIMIDAZOLE

CAS:931-36-2

Fraction by Wt: 2-10%

Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS >830 MG/KG

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

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:MODERATE SKIN AND ORAL TOXICITY, SEVERE EYE IRRITATION WITH BURNS POSSIBLE. EXCESSIVE OR CHRONIC EXPOSURE MAY RESULT IN LIVER DAMAGE.

Explanation of Carcinogenicity:4,4'-METHYLENEDIANILINE IS A SUSPECTED CARCINOGEN.

Effects of Overexposure:MODERATE SKIN AND ORAL TOXICITY, SEVERE EYE IRRITATION WITH BURNS POSSIBLE. EXCESSIVE OR CHRONIC EXPOSURE MAY RESULT IN LIVER DAMAGE.

Medical

Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING SKIN DISORDERS ARE AT A GREATER THAN NORMAL RISK WHEN EXPOSED TO THIS MATERIAL.

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

First Aid:EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING EYELID. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: WASH WITH WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. GIVE MOUTH-TO-MOUTH RESUSCITATION IF NOT BREATHING

EATING. GET MEDICAL ATTENTION. INGESTION: IF CONSCIOUS GIVE
LARGE DRINK OF WATER OR MILK AND INDUCE VOMITING. GET MEDICAL
ATTENTION IMMEDIATELY.

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

Flash Point Method:TCC

Flash Point:>280F,>138C

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

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED
CONTAI

NERS WITH WATER SPRAY. CONTAIN RUNOFF.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:ABSORB ONTO SAND OR OTHER ABSORBENT MATERIAL.
SHOVEL INTO CLOSEABLE CONTAINER FOR DISPOSAL. FLUSH CONTAMINATED
AREA WITH WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE BETWEEN 60 TO 90F. AVG SHELF
LIFE:12 MONTHS AT 77F. SENSITIVE TO HEAT/LIGHT/MOISTURE.

Other Precautions:HANDLE AS TO AVOID ALL PHYSICAL CONTACT. STORE AWAY
FROM SOURCES OF DIRECT HEAT IN A DRY AREA. KEEP CONTAINERS CLOSED
WHEN NOT IN USE.

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

Respiratory Protection:NONE NORMALLY REQUIRED. USE NIOSH/MSHA APPROVED
DUST RESPIRATOR WHEN GRINDING OR SANDING CURED MATERIAL.

Ventilation:GOOD MECHANICAL(GENERAL) VENTILATION AND LOCAL EXHAUST IS
STRONGLY RECOMMENDED.

Protective Gloves:IMPERVIOUS GLOVES

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER. WEAR
INDUSTRIAL-TYPE WORK CLOTHING.

Work Hygienic Practices:WASH THOROUGHLY AFTER USE AND BEFORE EATING OR
SMOKING. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

KEY1: N1. THIS IS PART B OF A TWO PART KIT.

===== Ph

ysical/Chemical Properties =====

HCC:N1

Spec Gravity:1.02

Solubility in Water:MODERATE

Appearance and Odor:BLACK VISCOUS LIQUID, AMMONICAL ODOR

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:EXTREMELY HIGH TEMPERATURES

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, AND
OXIDES OF NITROGEN.

=====

Disposal Considerations =====

Waste Disposal Methods:LANDFILL OR INCINERATE IN ACCORDANCE WITH
FEDERAL,STATE OR LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
doc

ument should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.