

A COMPONENTS FOR C & R FOAM 2

MSDS Number

BTXPR

National Stock Number

5640-00N046154

Product Name

A COMPONENTS FOR C & R FOAM 2

Manufacturer

CLOTHIER AND ROSE INC

Product Identification

Product ID:A COMPONENTS FOR C & R FOAM 2

MSDS Date:07/22/1993

FSC:5640

NIIN:00N046154

MSDS Number: BTXPR

Responsible Party

CLOTHIER & ROSE INC

1000 E DEL AMO BLVD

CARSON , CA 90746

US

Emergency Phone: 213-537-2800

Info Phone: 213-537-2800

Cage: 0SGD3

Contractor

CLOTHIER & ROSE INC

CARSON, CA 90746

US

213-537-2800

Cage: 0SGD3

Ingredients

POLYMETHYLENE POLYPHENYL ISOCYANATE; (HIGHER OLIGOMERS OF

CAS: 9016-87-9

RTECS: TR0350000

Fraction By Weight:

OSHA PELN/K

ACGIH TLV: N/K

METHANE, DICHLORODIFLUORO-; (DICHLORODIFLUOROMETHANE)

CAS: 75-71-8

RTECS: PA8200000

Fraction By Weight:

OSHA PEL1000 PPM

ACGIH TLV: 1000 PPM

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

POLYETHYLENE SHEET AND FURTHER DECONTAMINATE

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

CANS. WEAR RECOM PROT GEAR. CAREFULLY VENT

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

INVERT EACH CAN SEPARATELY &

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

VALVE INTO PLASTIC LINED WASTE CNTNR. IMMED MIX

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

DISP OF PROD AS YOU WOULD OTHER PLASTIC WASTE I/A/W

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

PLASTIC ACTUATOR CAP ON EACH CAN VALVE. REMOVE EXTRA

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

DIRECTLY INTO PLASTIC LINED WASTE CNTNR.IMMED MIX

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

DISPOSE OF PRODUCT AS YOU WOULD OTHER PLASTIC WASTE

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

VICINITY DURING FOAMING OPER. WHEN

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

ISOCYANIC ACID, METHYLENE DI-P-PHENYLENE ESTER; (4,4'

CAS: 101-68-8

RTECS: NQ9350000

Fraction By Weight:

OSHA PEL0.02 PPM, C

ACGIH TLV: 0.005 PPM

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

8.5. FLASH

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:INHAL: CAN LEAD TO IRRIT OF MUC MEMBS, TIGHTNESS OF CHEST RESP TRACT, COUGHING, HDCH, SHORTNESS OF BRTH. MAY LEAD TO AN ALLERGIC SENSIT IN SOME PEOPLE W/ASTHMA LIKE SYMPS. EXTENSIVE EXPOS TO CONCS WEL L ABOVE TLV COULD LEAD TO BRONCH, BRONCH SPASM & PULM EDEMA. THESE EFTS ARE USUALLY REVERSIBLE. HIGH (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ: R-12 CONCS >1000 PPM TLV MAY CAUSE ASPHYX DUE TO OXYGEN DEPRIVATION. PEOPLE W/CARD ARRHYTHMIA MAY BE AT INCR RISK IN SEV EXPOS. SKIN: MIX CAUSES LOCALIZED IRRIT & DISCOLORATION. PRLNGD CONT COULD PRDCE REDDENING, SWELLING OR BLISTERING & IN SOME INDIV, SENSIT & DERM. EYES: LIQ, VAPS/AEROSOL IS IRRIT (SUPDAT)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:INHAL: MOVE TO AN AREA FREE OF EXPOS. GIVE OXYGEN/ARTF RESP AS NEEDED. OBTAIN MED ATTN. EYE: FLUSH W/WATER FOR AT LST 15 MINS, OCCAS LIFTING EYE LIDS. OBTAIN MED ATTN. SKIN: REMOVE CONTAMD CLTHG. WASH AFFECTED AREAS THORO W/SOAP & WATER. WASH CLTHG BEFORE REUSE. INGEST: DO NOT INDUCE VOMIT. GIVE 1-2 GLASSES OF WATER/MILK TO DRINK. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCON PERSON. CONSULT PHYS.

Fire Fighting

Flash Point:390F,199C

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, HIGH EXPANSION CHEMICAL FOAM, LARGE QUANTITY WATER SPRAY FOR LARGE FIRES.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP.DURING FIRE, MDI VAPS, FLUOROCARBON VAPS, & OTHER DECOMP

PRODS THAT ARE HIGHLY TOX CAN BE GEN. SINCE(SUPDAT)
Unusual Fire/Explosion Hazard:SINCE CHEMICAL IS PACKAGED IN PRESSURIZED
AEROSOL CANS, EXPLOSIVE RUPTURE IS POSSIBLE.

Accidental Release

Spill Release Procedures:PROVIDE VENT.SPILL SHOULD BE ABSORB W/
VERMICULITE, SAWDUST, FULLER'S EARTH/OTHER SUITABLE MEANS. POUR LIQ
DECONTAM (90% WATER, 8% CONC AMMONIUM HYDROXIDE, 2% DETERGENT) ON
SPILLAGE; ALLOW TO REACT AT LST 10 MINS. COLLECT IN OPEN
CONTAINEROR (ING 5)
Neutralizing Agent:90% WATER, 8% CONCENTRATED AMMONIUM HYDROXIDE, 2%
DETERGENT.

Handling

Handling and Storage Precautions:EDUCATE & TRAIN EMPLOYEES IN SAFE USE
OF PROD.READ ALL PACKAGE DIRECTIONS. PROT CANS FROM PHYS ABUSE. FOR
LONGEST SHELF LIFE, AVOID STORAGE ABOVE 90F.
Other Precautions:SHORT TERM STORAGE BETWEEN 40F & 60F WILL NOT HARM
MATLS. IDEAL STORAGE IS 60F-90F. STORAGE AT CYL TO SEPARATE THEREBY PRDCG LOWER QUALITY FOAM. AVOID SMOKING,
OPEN FLAMES/USE O F ELEC EQUIP WHICH MAY ARC IN (ING 13)

Exposure Controls

Respiratory Protection:WEAR NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE
FOR EXPOSURE OF CONCERN .
Ventilation:USE WITH ADEQUATE VENTILATION.
Protective Gloves:CHEM RESISTANT RUBBER OR PLASTIC GLOVES.
Eye Protection:ANSI APPROVED CHEM WORKER GOGGLES
Other Protective Equipment:LONG SLEEVE WORK CLOTHES.
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
APPEAR/ODOR:FLUOROCARBON ODOR.FIRE FIGHT PROC:CHEM IS PACKAGED IN PRESS
AEROSOL CANS,EXPLO RUPTURE IS POSS. THEREFORE,USE COLD WATER TO
COOL FIRE EXPOS CNTNRS.EFTS OF OVEREXP:TO EYES. CORNEAL DMG CAN
OCCUR;HOWEVER, INDICATIONS ARE THAT DMGIS REVERSIBLE. INGEST:CAN
RSLT IN IRRIT & CORR ACTION IN MOUTH & DIGESTIVE TRACT

Chemical Properties

Boiling Pt:B.P. Text:SEE INGS
Vapor Pres:2700 MMHG
Vapor Density:SEE ING 1
Spec Gravity:1.3 (H2O=1)
Solubility in Water:REACTS SLOWLY
Appearance and Odor:LIQ & GASES UNDER PRESS-FROTHY LIQ UPON RELS FROM
CYL.DARK BROWN, MILD (SUPDAT)
Percent Volatiles by Volume:

Stability

Stability Indicator/Materials to Avoid:YES
ALCOHOLS, WATER, STRONG BASES AND METAL COMPOUNDS ARE INCOMPATIBLE WITH
"A" COMPONENT.
Stability Condition to Avoid:WATER CONTAM, OPEN FLAMES, STORAGE TEMP
>120F (49C) OR BELOW 32F (0C) SHOULD BE AVOIDED. DO NOT INCINERATE
AEROSOL CANS.
Hazardous Decomposition Products:BY HIGH HEAT OR FIRE: CARBON MONOXIDE,
OXIDES OF NITROGEN, TRACES OF HCN, MDI.
Conditions to Avoid Polymerization:CONTACT WITH MOISTURE OR OTHER
MATERIALS THAT REACT WITH ISOCYANATE. MAY OCCUR AT TEMPERATURES
OVER 400F (204C).

Disposal

Waste Disposal Methods:IT IS RECOM THAT ENTIRE #12 KIT OR TOPGUN
AEROSOL REFILL BE COMPLETELY USED UP W/IN 24 HRS OF FIRST APPLIC,
HOWEVER, IF THIS HAS NOT BEEN DONE/THERE IS EXCESS "A"/"B"
COMPONENT TO DISPERSE OF, THEN US E FOLLOWING PROC. DO NOT
PUNCTURE/INCIN(ING 6)

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