

"A" COMPONENTS FOR FROTH PAK 12 KIT

MSDS Number

BBVHV

National Stock Number

5640-01-122-5010

Product Name

"A" COMPONENTS FOR FROTH PAK 12 KIT

Manufacturer

INSTA FOAM PRODUCTS INC

Product Identification

Product ID:"A" COMPONENTS FOR FROTH PAK 12 KIT

MSDS Date:12/28/1988

FSC:5640

NIIN:01-122-5010

MSDS Number: BBVHV

Responsible Party

INSTA-FOAM PRODUCTS, INC.

1500 CEDARWOOD DRIVE

JOLIET , IL 60435

Emergency Phone: (815) 741-6800 EXT 56

Info Phone: (800) 435-9359

Preparer: R. BRAUN

Cage: 54577

Contractor

INSTA-FOAM PRODUCTS INC

JOLIET, IL 60435

US

815-741-6800

Cage: 54577

Ingredients

METHYLENE BISPHENYL ISOCYANATE (MDI) (SARA III)

CAS: 101-68-8

RTECS: NQ9350000

Fraction By Weight:

OSHA PELC, 0.02 PPM

ACGIH TLV: 0.005 PPM; 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

HIGHER OLIGOMERS OF MDI, POLYMETHYLENE POLYPHENYLENE

CAS: 9016-87-9

RTECS: TR0350000

Fraction By Weight:

DICHLORODIFLUOROMETHANE (SARA III)

CAS: 75-71-8

RTECS: PA8200000

Fraction By Weight:

OSHA PEL1000 PPM

ACGIH TLV: 1000 PPM; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION: MUCOUS
MEMBRANE/RESPIRATORY TRACT IRRITANT/COUGHING/HEADACHE/BREATH
SHORTNESS/ALLERGIC SENSITIVITY/ASTHMA SYMPTOMS/BRONCHITIS/BRONCHIAL
SPASM/PULMONARY EDEMA. SKIN: IRRITANT/DISCOLOR/REDNE
SS/SWELLING/BLISTERING/SENSITIVE/DERMATITIS. EYE:
IRRITATION/CORNEAL DAMAGE. INGESTION: IRRITATION TO DIGESTIVE
TRACT.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:INHALATION: MUCOUS MEMBRANE/RESPIRATORY TRACT
IRRITANT/COUGHING/HEADACHE/BREATH SHORTNESS/ALLERGIC
SENSITIVITY/ASTHMA SYMPTOMS/BRONCHITIS/BRONCHIAL SPASM/PULMONARY
EDEMA. SKIN: IRRITANT/DISCOLOR/REDNE
SS/SWELLING/BLISTERING/SENSITIVE/DERMATITIS. EYE:
IRRITATION/CORNEAL DAMAGE. INGESTION: CORROSIVE ACTION IN MOUTH.
Medical Cond Aggravated by Exposure:CARDIAC ARRHYTHMIA

First Aid

First Aid:EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. SKIN:
WASH W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. GIVE CPR OR
OXYGEN IF NEEDED. INGESTION: DRINK 1 OR 2 GLASSES OF WATER OR MILK
TO DRINK. DON'T GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point Method:PMCC
Flash Point:390F
Extinguishing Media:DRY CHEMICAL, CO2, HIGH EXPANSION CHEMICAL FOAM,
LARGE QUANTITY WATER SPRAY FOR LARGE FIRES.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS & FULL
PROTECTIVE CLOTHING. USE COLD WATER TO COOL FIRE EXPOSED
CONTAINERS.
Unusual Fire/Explosion Hazard:SINCE THE CHEMICAL IS PACKAGED IN
PRESSURIZED AEROSOL CANS, EXPLOSIVE RUPTURE IS POSSIBLE. DON'T
INCINERATE AEROSOL CANS.

Accidental Release

Spill Release Procedures:PROVIDE VENTILATION, ISOLATE AREA. LARGE
SPILLS REQUIRE OF SCBA. ABSORBED W/VERMICULE, SAWDUST OR FULLER'S
EARTH. POOR LIQUID DECONTAMINATE (90% WATER, 8% CC AMMONIUM
HYDROXIDE, 2% DETERGENT) ON SPILL AGE; ALLOW TO REACT AT LEAST 10
MINS.

Handling

Handling and Storage Precautions:PROTECT TANKS FROM PHYSICAL ABUSE. FOR
LONGEST SHELF LIFE, AVOID STORAGE >90F. SHORT TERM STORE 40 & 60F
WILL NOT HARM THE MATERIALS.
Other Precautions:IDEAL STORAGE IS 60F TO 90F. STORAGE AT CAUSE LIQUIDS IN THE TANK TO SEPARATE THEREBY PRODUCING LOWER
QUALITY FOAM. AVOID SMOKING. WHEN FLUOROCARBONS ARE INHALED THROUGH
LIGHTED CIGARETTE, TO XIC PRODUCTS ARE GENERATED.

Exposure Controls

Respiratory Protection: PROVIDE ADEQUATE RESPIRATORY PROTECTION TO KEEP
Ventilation: PROVIDE ADEQUATE VENTILATION. IF USED INDOORS,
EXHAUST/VENTILATION SHOULD BE PROVIDED DURING/AFTER FOAMING
OPERATION.

Protective Gloves: RUBBER/PLASTIC

Eye Protection: SAFETY GOGGLES

Other Protective Equipment: RUBBER COAT, BOOTS, HELMET

Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE
REUSE.

Supplemental Safety and Health

THE FOAM SYSTEM CONSISTS OF TWO AEROSOL CANS (COMPONENT A & B) W/DEVICE
FOR MIXING THE CONTENTS OF THE TWO CANS IN SMALL INCREMENTS, THUS
PRODUCING URETHANE FOAM.

Chemical Properties

Boiling Pt: B.P. Text: -21.6F

Vapor Pres: 2700

Vapor Density: 8.5

Spec Gravity: 1.3

Solubility in Water: REACTS

Appearance and Odor: DARK BROWN W/MILD FLUOROCARBON ODOR.

Percent Volatiles by Volume:

Stability

Stability Indicator/Materials to Avoid: YES

ALCOHOLS, WATER, STRONG BASES & METAL COMPOUNDS, ISOCYANATE

Stability Condition to Avoid: WATER CONTAMINATION, OPEN FLAMES, STORAGE

TEMP > 120F OR EQUIPMENT

Hazardous Decomposition Products: CO, NOX, TRACES OF HCN, MDI, CO2

Conditions to Avoid Polymerization: MAY OCCUR W/MOISTURE OR OTHER

MATERIALS THAT REACT W/ISOCYANATE & TEMPERATURES > 400F.

Disposal

Waste Disposal Methods: DON'T PUNCTURE/INCINERATE CANS. VENT CANS TO
PREVENT VALVES FROM BECOMING PLUGGED/FROZEN. PLACE PLASTIC ACTUATOR
CAP ON EACH CAN VALVE. DISPENSE CONTENTS INTO PLASTIC LINED WASTE
CONTAINER. DISPOSE OF IN ACCORDANCE W/FEDERAL/STATE/LOCAL
REGULATIONS.

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