

ETHAFOAM 220 PLANK BRAND POLYETHYLENE PLASTIC FOAM

MSDS Number

BSDSY

National Stock Number

9330-01-186-0354

Product Name

ETHAFOAM 220 PLANK BRAND POLYETHYLENE PLASTIC FOAM

Manufacturer

DOW CHEMICAL U S A GOVERNMENT MARKETING

Product Identification

Product ID:ETHAFOAM 220 PLANK BRAND POLYETHYLENE PLASTIC FOAM

MSDS Date:09/07/1990

FSC:9330

NIIN:01-186-0354

MSDS Number: BSDSY

Responsible Party

DOW CHEMICAL U S A GOVERNMENT MARKETING

2020 DOW CENTER

MIDLAND , MI 48640-6030

US

Emergency Phone: 517-636-4400

Info Phone: 800-258-2436

Cage: 71981

Contractor

DOW CHEMICAL U S A

MIDLAND, MI 48640

US

517-636-4400

Cage: 71981

Ingredients

POLYETHYLENE

CAS: 9002-88-4

RTECS: TQ3325000

Fraction By Weight: 75-100%

DICHLORODIFLUOROMETHANE (SARA III)

CAS: 75-71-8

RTECS: PA8200000

Fraction By Weight: 0-4% %

OSHA PEL1000 PPM

ACGIH TLV: 1000 PPM; 9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

DICHLOROTETRAFLUOROETHANE (SARA III)

CAS: 76-14-2

RTECS: KI1101000

Fraction By Weight: 0-17% %

OSHA PEL1000 PPM

ACGIH TLV: 1000 PPM; 9293

STEARYL STEARAMIDE

CAS: 13276-08-9

Fraction By Weight: 0-2% %

COLOR CONCENTRATE IN POLYETHYLENE

Fraction By Weight: 0-2% %

CHLORODIFLUOROETHANE

CAS: 75-68-3

RTECS: KH7650000

Fraction By Weight: 0-18% %

Hazards

LD50 LC50 Mixture:NOT SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:SOLID OR DUST MAY CAUSE IRRITATION OR CORNEAL INJURY DUE TO MECHANICAL ACTION. DUST MAY CAUSE IRRITATION TO UPPER RESPIRATORY TRACT. HIGH CONCENTRATIONS OF THE BLOWING AGENTS (>5000 PPM) MAY CAUSE CENTRAL NERVOUS SYSTEM, ANESTHETIC OR NARCOTIC EFFECTS AND CARDIAC SENSITIZATION (IRREGULAR HEARTBEATS).

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:EYE IRRITATION, UPPER RESPIRATORY TRACT IRRITATION, ANESTHETIC OR NARCOTIC EFFECTS, IRREGULAR HEARTBEATS.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR.CONSULT A PHYSICIAN.EYES: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 5 MINUTES HOLDING EYELIDS OPEN. MECHANICAL EFFECTS ONLY. SKIN/INGESTION: NO ADVERSE EFFECTS ANTICIPATED.NOTE TO PHYSICIAN: NO SPECIFIC ANTIDOTE. SUPPORTIVE CARE. TREATMENT BASED ON JUDGMENT OF THE PHYSICIAN IN RESPONSE TO REACTIONS OF THE PATIENT.

Fire Fighting

Flash Point:NONFLAMMABLE

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:USE WATER FOG.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS OPERATED IN POSITIVE PRESSURE. COOL FIRE EXPOSED CONTAINERS WITH H2O

Unusual Fire/Explosion Hazard:DENSE SMOKE

Accidental Release

Spill Release Procedures:PICK UP AND HANDLE AS ANY OTHER INERT MATERIAL.

Neutralizing Agent:NOT APPLICABLE.

Handling

Handling and Storage Precautions:STORE IN A COOL AREA AWAY FROM EXCESSIVE HEAT, FLAME/SOURCES OF IGNITION.

Other Precautions:LARGE QUANTITIES OF THIS PRODUCT CAN CAUSE CORROSION OF HEATERS AND EVENTUALLY CREATE HOLES IN THE COMBUSTION CHAMBER LEADING TO THE RELEASE OF COMBUSTION GASES AND CARBON MONOXIDE. THIS PRODUCT IS COMBUSTIBLE AND CAN BURN RAPIDLY.

Exposure Controls

Respiratory Protection:NO RESPIRATORY PROTECTION SHOULD BE NEEDED. WHEN RESPIRATORY PROTECTION IS REQUIRED FOR CERTAIN OPERATIONS, USE AN APPROVED AIR-PURIFYING RESPIRATOR. IN DUSTY ATMOSPHERES, USE AN APPROVED DUST RESPIRATOR.

Ventilation:GOOD GENERAL VENTILATION. LOCAL EXHAUST VENTILATION MAY BE NECESSARY FOR SOME OPERATIONS SUCH AS HOT-WIRE CUTTING.

Protective Gloves:NOT NEEDED.RUBBER/PLASTIC MAY BE USED.

Eye Protection:SAFETY GLASSES

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

Chemical Properties

HCC:N1

Boiling Pt:B.P. Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:0.02 - 0.16

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:INSOLUBLE

Appearance and Odor:CELLULAR SOLID PLASTIC FOAM WITH NO ODOR

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:FIRE AND TEMPERATURES ABOVE 625F(329C)

Hazardous Decomposition Products:CARBON MONOXIDE AND OTHER TOXIC SUBSTANCES

Disposal

Waste Disposal Methods:REUSE OR BURY IN AN APPROVED LANDFILL. DISPOSAL MUST BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND 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 document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.