

DOW CHEMICAL U S A GOVERNMENT MARKETING -- ETHAFOAM(R) 220 PLANK BRAND  
POLYETHYLENE PLASTIC FOAM -- 9330-01-142-8472

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

Product ID:ETHAFOAM(R) 220 PLANK BRAND POLYETHYLENE PLASTIC FOAM

MSDS Date:08/18/1992

FSC:9330

NIIN:01-142-8472

MSDS Number: BSHNF

==== Responsible Party ====

Company Name:DOW CHEMICAL U S A GOVERNMENT MARKETING

Address:2020 DOW CENTER

City:MIDLAND

State:MI

ZIP:48640-6030

Country:US

Info Phone Num:800-258-2436

Emergency Phone Num:517-636-4400

CAGE:71981

==== Contractor Identification ====

Company Name:DOW CHEMICAL CO

Address:100 LARKIN CENTER

Box:City:MIDLAND

State:MI

ZIP:48674

Country:US

Phone:800-258-2436

CAGE:96717

Company Name:DOW CHEMICAL U S A

Address:BARSTOW BLDG

City:MIDLAND

State:MI

ZIP:48640

Country:US

Phone:517-636-4400

CAGE:71981

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

Ingred Name:POLYETHYLENE FOAM

CAS:9002-88-4  
Fraction by Wt: 75-100%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:DICHLORODIFLUOROMETHANE (SARA III)  
CAS:75-71-8  
RTECS #:PA8200000  
Fraction by Wt: 0-4%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1000 PPM  
ACGIH TLV:1000 PPM; 9394  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS  
Ozone Depleting Chemical:1

Ingred Name:1,2-DICHLOROTETRAFLUOROETHANE  
CAS:76-14-2  
RTECS #:KI1101000  
Fraction by Wt: 0-17%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1000 PPM  
ACGIH TLV:1000 PPM; 9394  
Ozone Depl  
eting Chemical:1

Ingred Name:CHLORODIFLUOROETHANE  
CAS:75-68-3  
RTECS #:KH7650000  
Fraction by Wt: 0-18%  
Other REC Limits:NONE RECOMMENDED  
Ozone Depleting Chemical:2

Ingred Name:STEARYL STEARAMIDE  
CAS:13276-08-9  
Fraction by Wt: 0-2%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:COLOR CONCENTRATE IN POLYETHYLENE  
Fraction by Wt: 0-2%  
Other REC Limits:NONE RECOMMENDED

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

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

s of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES- SOLID OR DUST MAY CAUSE

IRRITATION OR CORNEAL INJURY DUE TO MECHANICAL ACTION. FUMES/VAPORS  
RELEASED DURING THERMAL OPERATIONS SUCH AS HOT-WIRE CUTTING MAY  
CAUSE IRRITATION. INHALATION- DUST MAY CAUSE IRRITATION TO UPPER  
RESPIRATORY TRACT. HIGH CONCENTRATIONS MAY CAUSE CNS, ANESTHETIC OR  
NARCOTIC EFFECTS.

Effects of Overexposure:INHALATION- MAY CAUSE NARCOTIC EFFECTS OR  
CARDIAC SENSITIZA

TION (IRREGULAR HEARTBEATS).

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES- IRRIGATE IMMEDIATELY WITH WATER FOR AT LEAST 5 MINUTES.  
MECHANICAL EFFECTS ONLY. SKIN- WASH OFF IN FLOWING WATER OR  
SHOWER. INGESTION- NO ADVERSE EFFECTS ANTICIPATED BY THIS ROUTE OF  
EXPOSURE INCIDENTAL TO PROPER INDUSTRIAL HANDLING. INHALATION-  
REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE MOUTH-  
TO-MOUTH  
RESUSCITATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL A  
PHYSICIAN.

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

Extinguishing Media:WATER FOG.

Fire Fighting Procedures:WEAR SELF-CONTAINED, POSITIVE PRESSURE  
BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:AVOID DENSE SMOKE.

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

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

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

Handling and Storage Precautions:PRACTICE REASONABLE CARE AND  
CLEANLINESS AS A COMMON SENSE SAFETY PRECAUTION WHEN HANDLING THIS  
PRODUCT.

Other Precautions:WHEN LARGE QUANTITIES OF THIS PRODUCT ARE STORED OR  
FABRICATED, SMALL QUANTITIES OF THE BLOWING AGENT RELEASED FROM THE  
FOAM MAY TEND TO ACCELERATE CORROSION OF HEATERS AND BOILERS.  
CORROSION CAN EVEN TUALLY CREATE HOLES.

===== Exposure Controls/Personal Protection

=====

Respiratory Protection:ATMOSPHERIC LEVELS SHOULD BE MAINTAINED BELOW THE EXPOSURE GUIDELINE. WHEN RESPIRATORY PROTECTION IS REQUIRED FOR CERTAIN OPERATIONS, USE AN APPROVED AIR-PURIFYING RESPIRATOR. IN DUSTY ATMOSPHERES, USE AN APPROVED DUST RESPIRATOR.

Ventilation:PROVIDE GENERAL AND/OR LOCAL EXHAUST VENTILATION TO CONTROL AIRBORNE LEVELS BELOW THE EXPOSURE GUIDELINES.

Protective Gloves:NO SKIN PROTECTION SHOULD BE NEEDED.

Eye Protection:SAFETY GLASSES SHOULD BE SUFFICIENT.

Other Protective Equipment:FOR DUSTY OPERATIONS, WEAR CHEMICAL GOGGLES.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health  
NONE

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

HCC:N1

Spec Gravity:0.16

Solubility in Water:INSOLUBLE

Appearance and Odor:CELLULAR SOLID PLASTIC FOAM. NO ODOR.

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:AVOID FIRE AND TEMPERATURES OVER 625F,  
329C.

Hazardous Decomposition Products:UNDER NORMAL COMBUSTION CONDITIONS  
CARBON MONOXIDE IS GENERATED. ADDITIONAL TOXIC SUBSTANCES MAY BE  
RELEASED.

===== Disposal Considerations =====

Waste Disposal Methods:REUSE, OR BURY IN AN APPROVED LANDFILL. FOLLOW  
ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS FOR DISPOSAL.

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.