

DOW CHEMICAL U.S.A. -- 29280 ETHAFOAM 220 PLANK BRAND POLYETHYLENE PLASTIC FOAM --  
9330-01-186-0354

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

Product ID:29280 ETHAFOAM 220 PLANK BRAND POLYETHYLENE PLASTIC FOAM

MSDS Date:06/26/1992

FSC:9330

NIIN:01-186-0354

MSDS Number: BVXCW

=== Responsible Party ===

Company Name:DOW CHEMICAL U.S.A.

Address:CHEMICAL AND METALS DEPARTMENT

City:MIDLAND

State:MI

ZIP:48674

C

Country:US

Info Phone Num:517-636-4400

Emergency Phone Num:517-636-4400

CAGE:96717

=== 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

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

Ingred Name:POLYETHYLENE FOAM

CAS:9002-88-4

RTECS #:TQ3325000

Fraction by Wt: 75-100%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ETHANE, 1-CHLORO-1,1-DIFLUORO (HCFC-142B)

(C

HLODIFLUOROETHANE)(BLOWING AGENTS ARE FUGITIVE & LEAVE PROD AFT  
MANUFACTU)

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

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

Routes of Entry: Inhalation:YES

Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:EYE:SOLID/DUST MAY CAUSE IRRIT OR  
CORNEAL INJURY DUE TO MECHANICAL ACTION.VAP FROM THERM  
OPERATIONS(HOT-WIRE CUTTING)MAY CAUSE EYE/RESP  
IRRIT.SKIN:MECHANICAL INJURY ONLY, ESSENTIALLY NONIRRIT.INGEST:U  
NLIKELY DUE TO PHY STATE.PHYSICAL INJURY ONLY.INHAL:RESP TRACT  
IRRIT.

Explanation of Carcinogenicity:PER MSDS:CHLORODIFLUORETHANE DID NOT  
CAUSE CANCER IN LONG-TERM A

NIMAL

STUDIES.NEG-MUTAGENICITY.TERATOLOGY-UNLIKELY.

Effects of Overexposure:INHAL:ANESTHETIC OR NARCOTIC EFFECTS. INCREASES  
SENSITIVITY TO EPINEPHRINE & INCREASE MYOCARDIAL IRRIT(IRREG  
HEARTBEATS).

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MFG.

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

First Aid:EYE:FLUSH W/PLENTY OF WATER. MECHANICAL EFFECTS ONLY.

SKIN:WASH OFF IN FLOWING WATER OR SHOWER. INGEST:NO ADVERSE EFFECTS  
ANTICIPATED BY THIS

ROUTE OF EXPOSURE. INHAL:NO ADVERSE EFFECTS  
ANTICIPATED BY THIS ROUTE OF EXPOSURE INCIDENTAL TO PROPER  
INDUSTRIAL HANDLING.

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

Extinguishing Media:WATER FOG.  
Fire Fighting Procedures:WEAR SELF-CONTAINED, POSTITIVE 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.  
Neutralizing Agent:NONE SPECIFIEID BY MFG.

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

Handling and Storage Precautions:PRAC REASONABLE CARE & CLEANLINESS AS  
COMMON SENSE SAF PRECAUTION WHEN HANDLING MATL.POLYETHYLENE FOAM  
COMBUST-DO NOT EXPO TO FLAME/IGN SOURCES.  
Other Precautions:WHEN LG AMTS ARE STORED/FABRICATED SM QUANT OF  
BLOSING AGENT RELEASED FROM FOAM MAY TEND TO ACCELERATE CORR OF  
HEATERS/BOILERS.CORR CAN CREATE HOLES IN CO  
MBUST CHAMBER LEADING TO  
RELEASE OF COMBUST GA SES/CO.INSPECT HEATING EQIPMT REGUALARY.

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

Respiratory Protection:ATMOSPHERIC LEVELS SHOULD BE MAINTAINED BELOW  
EPOS GUIDELINE.WHEN RESP PROTECTIVE IS REQUIRED FOR CERTAIN  
OPERATIONS USE APPROVED AIR-PURIFYING RESP.IN DUSTY ATMOSPHERE USE  
AN APPROVED DUST RESP.FULLF ACE RESP IF VAP EXPO CAUSES EYE  
DISCOMFO

Ventilation:PROVIDE GENERAL &/OR LOCAL EXHAUST VENTILATIO  
N TO CONTROL

AIRBORNE LEVELS BELOW THE EXPOSURE GUIDELINES.

Protective Gloves:CLEAN BODY-COVERING CLOTHING.

Eye Protection:SAFETY GLASSES, CHEM GOGGLES

Other Protective Equipment:SKIN PROT:NO PRECAUTIONS OTHER HTAN CLEAN  
BODY-COVERING CLOTHING SHOULD BE NEEDED.

Work Hygienic Practices:WASH HANDS AFT HANDLING.

Supplemental Safety and Health

STORAGE OF LG AMTS OF FOAM IN UNVENTILATED SPACES SHOULD BE AVOIDED TO  
PREVENT BUILDUP OF COMBUST VAP.USE OF FOAM IN APPLICATIONS  
INVOLVING EX

PO TO CHILDREN SHOULD BE REVIEWED W/DOW'S PROD  
STEWARDSHIP KING &/OR SWALLOWING OF FOAM BY SMALL CHILDREN MAY  
OCCUR.

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

HCC:N1

Spec Gravity:0.02-0.16

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 & TEMPER

ATURES OVER 625F, 329C.

Hazardous Decomposition Products:CO GENERATED UNDER NORMAL COMBUSTION  
CONDITIONS.ADDITIONAL TOXIC SUB MAY BE RELEASED UNDER LESS THAN  
FULL COMBUST CONDIT

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

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

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