

## **V-116,VYDAX MOLD RELEASE**

### **MSDS Number**

BJKGN

### **National Stock Number**

6850-00N011447

### **Product Name**

V-116,VYDAX MOLD RELEASE

### **Manufacturer**

PLASTIC PROCESS EQUIPMENT INC

### **Product Identification**

Product ID:V-116,VYDAX MOLD RELEASE

MSDS Date:09/01/1989

FSC:6850

NIIN:00N011447

MSDS Number: BJKGN

### **Responsible Party**

PLASTIC PROCESS EQUIPMENT,INC

7950 EMPIRE PARKWAY

MACEDONIA , OH 44056

US

Emergency Phone: 216-468-1511

Info Phone: 216-468-1511

Cage: HO690

### **Contractor**

PLASTIC PROCESS EQUIPMENT,INC

MACEDONIA, OH 44056

US

216-468-1511

Cage: HO690

### **Ingredients**

TRICHLOROFLUOROMETHANE (CFC-11) (SARA III)

CAS: 75-69-4

RTECS: PB6125000

Fraction By Weight: 50%

OSHA PEL1000 PPM

ACGIH TLV: C, 1000 PPM; 9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

DICHLORODIFLUOROMETHANE (SARA III)

CAS: 75-71-8

RTECS: PA8200000

Fraction By Weight: 40%

OSHA PEL1000 PPM

ACGIH TLV: 1000 PPM; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113) (SARA

CAS: 76-13-1

RTECS: KJ4000000

Fraction By Weight: 4%

OSHA PEL1000PPM/1250STEL

ACGIH TLV: 1000PPM/1250STEL9192

POLYTETRAFLUOROETHYLENE

CAS: 116-14-3

RTECS: KX4025000

Fraction By Weight: 1%

OSHA PELN/K

ACGIH TLV: N/K

ISOBUTANE

CAS: 75-28-5

RTECS: TZ4300000

Fraction By Weight: 5%

OSHA PELN/K

ACGIH TLV: N/K

## Hazards

LD50 LC50 Mixture:N/K

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

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

Health Hazards Acute and Chronic:LONG TERM EXPOSURE (YEARS) TO HIGH CONCENTRATIONS OF VAPOR MAY CAUSE LUNG,LIVER OR KIDNEY DAMAGE.SOLVENTS HAVE BEEN REPORTED TO AFFECT THE CENTRAL NERVOUS SYSTEM.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES:N/K .SKIN:WILL CAUSE DEFATTING.EFFECTS ARE REVERSIBLE.REDNESS.INGESTION:VOMITING.INHALATION:DIFFICULTY IN BREATHING.MAY CAUSE DIZZINESS OR NARCOSIS IN HIGH VAPOR CONCENTRATIONS.LONG TE RM EXPOSURE (YEARS) TO HIGH VAPOR CONCENTRATIONS MAY CAUSE LUNG,LIVER,KIDNEY DAMAGE.SOLVENTS REPORTED TO AFFECTS CNS.

Medical Cond Aggravated by Exposure:HEART DISEASE;RESPIRATORY DISORDERS.

## First Aid

First Aid:EYES:WASH WITH WATER AT LEAST 15 MINUTES.SKIN:WASH WITH WATER.INGESTION:DO NOT INDUCE VOMITING.GASTRIC LAVAGE.INHALATION:GIVE OXYGEN.

## Fire Fighting

Extinguishing Media:USE WATER FOG,DRY CHEMICAL OR CARBON DIOXIDE.

Fire Fighting Procedures:WEAR PRESSURE DEMAND SCBA AND FULL PROTECTIVE

EQUIPMENT .AEROSOL CANS MAY RUPTURE WHEN HEATED.  
Unusual Fire/Explosion Hazard:THERMAL DECOMPOSITION PRODUCTS MAY  
INCLUDE FLUORIDES,CHLORIDES & PHOSGENE .HEATED CANS MAY BURST.HAZ  
DECOMP PROD:WATER,CO\*2,HALOGEN ACIDS.

## Accidental Release

Spill Release Procedures:USE ABSORBENT SWEEPING COMPOUND TO SOAK UP  
MATERIAL.PUT INTO CONTAINER.DISPOSE AS HAZARDOUS WASTE.

Neutralizing Agent:N/K

## Handling

Handling and Storage Precautions:KEEP AWAY FROM HEAT,SPARKS,OR OPEN  
FLAME.STORE AT TEMPERATURES BELOW 120F,49C.

Other Precautions:NO SMOKING IN AREA OF USE.DO NOT USE IN GENERAL  
VICINITY OF ARC WELDING,OPEN FLAMES,HOT SURFACES.HEAT/UV RADIA MAY  
CAUSE FORMATION OF HCL/PHOSGENE .WHEN SPRAYING >HALF CAN  
CONTINUOUSLY OR >ONE C AN CONSECUTIVELY,USE NIOSH APPRVD RESP.

## Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR  
EXPOSURE OF CONCERN .

Ventilation:LOCAL AND GENERAL VENTILATION NECESSARY TO KEEP AIR  
CONCENTRATION BELOW TLV .

Protective Gloves:NONE REQUIRED IF SPRAYING.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:LONG SLEEVES AND LONG PANTS.

Work Hygienic Practices:DO NOT SMOKE WHILE USING.WASH HANDS AFTER USE.

Supplemental Safety and Health

BP RANGE:-18.4 TO 118F,-28C TO 48C.VAPOR PRESSURE:40 PSIG @  
70F,21C.INGREDIENTS 1,2,AND 3 HAVE BEEN SHOWN TO OR ARE SUSPECTED  
OF SENSITIZING THE MYOCARDIUM TO EPHINEPHRINE.EPINEPHRINE OR ITS  
CONGENERS COULD PRECIPITATE A FATAL ARRHYTHMIA IN PERSONS EXPOSED  
TO INGREDIENTS 1,2,AND 3 .

## Chemical Properties

Boiling Pt:B.P. Text:SEE SUPP

Decomp Temp:Decomp Text:N/K

Vapor Pres:SEE SUPP

Vapor Density:4.0,AIR=1

Spec Gravity:1.3 (WATER=1)

Evaporation Rate & Reference:>1 (BUTYL ACETATE=1)

Solubility in Water:NONE

Appearance and Odor:CLEAR LIQUID;SOLVENT ODOR.

## Stability

Stability Indicator/Materials to Avoid:YES

INCOMPATIBLE WITH STRONG OXIDIZERS AND ACTIVE METALS.

Stability Condition to Avoid:HIGH TEMPERATURES

Hazardous Decomposition Products:CHLORIDES,FLUORIDES AND PHOSGENE .IN  
FIRE WILL DECOMPOSE TO WATER,CARBON DIOXIDE,HALOGEN ACIDS.

## Disposal

Waste Disposal Methods:DISPOSAL MUST BE IN ACCORDANCE WITH  
FEDERAL,STATE AND LOCAL REGULATIONS .DISPOSE AS HAZARDOUS WASTE IN  
ACCORDANCE WITH EPA RCRA.

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