

## **MOLD RELEASE, TM-3310,76195**

### **MSDS Number**

BXHWX

### **National Stock Number**

6850-00N058826

### **Product Name**

MOLD RELEASE, TM-3310,76195

### **Manufacturer**

OSBORN MFG

### **Product Identification**

Product ID:MOLD RELEASE, TM-3310,76195

MSDS Date:04/20/1989

FSC:6850

NIIN:00N058826

MSDS Number: BXHWX

### **Responsible Party**

OSBORN MFG

5401 HAMILTON AVE

CLEVELAND , OH 44114

US

Emergency Phone: 216-467-4195

Info Phone: 216-361-1900

Cage: GO998

### **Contractor**

OSBORN MFG

CLEVELAND, OH 44114

US

216-361-1900

Cage: GO998

### **Ingredients**

ETHANE, 1,1,1-TRICHLORO; (1,1,1 TRICHLOROETHANE) (SARA 313)

CAS: 71-55-6

RTECS: KJ2975000

Fraction By Weight: 2%

OSHA PEL350 PPM

ACGIH TLV: 350 PPM/450STEL;9495

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

ETHANE, 1,1,2-TRICHLORO-1,2,2-TRIFLUORO;

CAS: 76-13-1

RTECS: KJ4000000

Fraction By Weight: 8%

OSHA PELN/K

ACGIH TLV: N/K

METHANE, DICHLORODIFLUORO-; (DICHLORODIFLUOROMETHANE) (SARA

CAS: 75-71-8

RTECS: PA8200000

Fraction By Weight: 80%

OSHA PEL1000 PPM

ACGIH TLV: 1000 PPM; 9495

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

120F, 49C

CAS: 75-28-5

RTECS: TZ4300000

Fraction By Weight: 9%

OSHA PELN/K

ACGIH TLV: 800 (MFR)

NON-HAZARDOUS INGREDIENTS

Fraction By Weight: 100%

OSHA PELN/K

ACGIH TLV: N/K

## Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:CHLOROCARBON & CHLOROFLUOROCARBON (CFC) MATLS HAVE PRDCEED SENSIT OF MYOCARDIUM TO EPINEPHRINE IN LAB ANIMALS & COULD HAVE SIMILAR EFT IN HUMANS. ADRENOMIMETICS (I.E. EPINEPHRINE) MAY BE CONTRA-INDICAT ED EXCEPT FOR LIFE-SUSTAINING USES IN HUMANS ACUTELY/CHRONICALLY EXPOS TO CHLOROCARBONS & CFCS . (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ: ACUTE: MAY CAUSE DIZZINESS OF NARCOSIS IN HIGH VAPOR CONCENTRATIONS. WILL CAUSE DEFATTING OF SKIN. EFTS ARE REVERSIBLE. CHRONIC: LONG TERM EXPOS (YEARS) VAP MAY CAUSE LUNG, LIVER/KIDNEY DAMA GE. THE SOLVENTS LISTED HAVE BEEN REPORTED TO AFFECT THE CNS. INHAL:DIFFICULTY IN BREATHING. SKIN-REDNESS. INGEST-VOMIT.

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

## First Aid

First Aid:INHAL: GIVE OXYGEN. INGEST: DO NOT INDUCE VOMITING - GASTRIC LAVAGE. EYES AND SKIN: WASH WITH WATER FOR AT LEAST 15 MINUTES.

## Fire Fighting

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

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED PRESSURE DEMAND SCBA AND FULL PROTECTIVE EQUIPMENT . AEROSOL CANS MAY RUPTURE WHEN HEATED.

Unusual Fire/Explosion Hazard:THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE FLUORIDES, CHLORIDES AND PHOSGENE . HEATED CANS MAY BURST.

## Accidental Release

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

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

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

Other Precautions:NO SMKG IN AREA OF USE. DO NOT USE IN GENERAL VICIN OF ARC WELDING, OPEN FLAMES/HOT SURF. HEAT &/OR UV RADIA MAY CAUSE FORM OF CHLORIDES, FLUORIDES/PHOSGENE . WHEN SPRAYING MORE THAN ONE HALF C AN CONTINUOUSLY/MORE THAN ONE (SUPDAT)

## Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN . SELF CONTAINED BREATHING APPARATUS IF ABOVE TLV LIMIT EXCEEDING.

Ventilation:LOCAL EXHAUST.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .

Other Protective Equipment:EYE WASH FOUNTAIN & DELUGE SHOWER MEETING ANSI DESIGN CRITERIA . LONG SLEEVE AND LONG PANTS.

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

Supplemental Safety and Health

VAPOR DENSITY: HEAVIER THAN AIR 4.0. OTHER PRECAUTIONS: CAN CONSECUTIVELY, USE NIOSH/MSHA APPROVED RESPIRATOR.

## Chemical Properties

Boiling Pt:B.P. Text:>-18F,-28C

Vapor Pres:40

Vapor Density:SUPDAT

Spec Gravity:1.2 (H\*20 = 1)

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

Solubility in Water:NIL

Appearance and Odor:CLOUDY/ETHERAL ODOR

## Stability

Stability Indicator/Materials to Avoid:YES

THE ABOVE SOLVENTS ARE INCOMPATIBLE WITH STRONG OXIDIZERS. NOT COMPATIBLE WITH ACTIVE METALS.

Stability Condition to Avoid:HIGH TEMPERATURES.

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

## Disposal

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

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