

## **FREEMAN TUF-FIL PINE**

### **MSDS Number**

BBPPC

### **National Stock Number**

6850-00F004137

### **Product Name**

FREEMAN TUF-FIL PINE

### **Manufacturer**

FREEMAN MFG AND SUPPLY

### **Product Identification**

Product ID:FREEMAN TUF-FIL PINE

MSDS Date:01/01/1987

FSC:6850

NIIN:00F004137

MSDS Number: BBPPC

### **Responsible Party**

FREEMAN MFG & SUPPLY/CLEVELAND, OH 44102

Emergency Phone: (216) 961-4200

Cage: EO795

### **Contractor**

FREEMAN MFG AND SUPPLY CO

AVON, OH 44011

US

440-934-1902

Cage: 1F275

### **Ingredients**

POLYESTER RESIN

Fraction By Weight: >25%

ACGIH TLV: 10 MG/CUM

TITANIUM DIOXIDE

CAS: 13463-67-7

RTECS: XR2275000

Fraction By Weight:

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9293

IRON OXIDE

CAS: 1309-37-1

RTECS: NO7400000

Fraction By Weight:

OSHA PEL10 MG/M3 (FE)

ACGIH TLV: 5 MG/M3(FE),B2; 9293

STYRENE, MONOMER (SARA III)

CAS: 100-42-5

RTECS: WL3675000

Fraction By Weight:

OSHA PEL100 PPM

ACGIH TLV: S,50PPM/100STEL;9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

## Hazards

Effects of Overexposure:SKIN: MILDLY IRRITATING. STRONG CONCENTRATIONS IRRITATE EYES/RESP. TRACT.

## First Aid

First Aid:INHALATION: REMOVE VICTIM TO A WELL VENTILATED AREA, MAKE COMFORTABLY WARM BUT NOT HOT. USE OXYGEN OR ARTIFICIAL RESPIRATION AS REQUIRED, IN CASE OF EYE CONTACT, FLUSH WITH COPIOUS AMOUNTS OF WATER FO R 15 MINUTES/SEEK MEDICAL ATTENTION.

## Fire Fighting

Flash Point:200F (COC)

Lower Limits:1.1%

Upper Limits:6.1%

Extinguishing Media:FOAM, CO2 OR DRY CHEMICAL

Fire Fighting Procedures:WEAR SCBA TO AVOID TO INHALATION FOR SMOKE OR VAPORS.

Unusual Fire/Explosion Hazard:IF THIS OCCURS IN A CLOSED CONTAINER, THERE IS POSSIBILITY OF VIOLENT RUPTURE.

## Accidental Release

Spill Release Procedures:REMOVE SATURATED CLOTHING PROMPTLY/WASH AFFECTED AREA WITH SOAP & WATER. REMOVE ALL URCES OF IGNITION. VENTILATE AREA. ABSORB WITH INERT MATERIALS SUCH AS VMICULITE OR SAND AND PLACE IN A CLOSED CONTA INER.

## Handling

Handling and Storage Precautions:AVOID STORAGE >100F. AVOID PROLONGED OR REPEATED SKIN CONTACT/INHALATION OF HEATED VAPORS OR SAY MISTS. Other Precautions:AVOID IMPROPER ADDITION OF PROMOTER/CATALYST. A PROMOTER/CATALYST USED WITH THIS PRODUCT SHOULD ALWAYS BE MIXED SEPARATELY/MT NEVER BE MIXED TOGETHER.

## Exposure Controls

Respiratory Protection:PREVENT INHALATION OF HEATED VAPORS/SPRAY MISTS/IF TLV IS EXCEEDED.

Ventilation:PROVIDE LOCAL EXHAUST VENTILATION TO KEEP BELOW TLV

Protective Gloves:PLASTIC/RUBBER

Eye Protection:FACESHIELD/GOGGLES

Other Protective Equipment:SAFETY SHOWER/EYE WASH STATIONS SHOULD BE AVAILABLE.

Supplemental Safety and Health

MSDS DATE: 21 APR 1986.

## Chemical Properties

Vapor Density:3.6

Spec Gravity:2.036

Solubility in Water:INSOLUBLE

Appearance and Odor:SMOOTH PASTE, STYRENE ODOR.

## Stability

Stability Indicator/Materials to Avoid: YES  
STRONG ACIDS AND OXIDIZING AGENTS.  
Stability Condition to Avoid: HEAT AND DIRECT SUNLIGHT.  
Hazardous Decomposition Products: CO/CO<sub>2</sub>/LOW MOLECULAR WEIGHT  
HYDROCARBONS ORGANIC ACIDS.  
Conditions to Avoid Polymerization: SUNLIGHT, OPEN FLAMES AND  
CONTAMINATION.

## **Disposal**

Waste Disposal Methods: INCINERATE IN AN APPROVED INCINERATOR OR DISPOSE  
OF IN A CHEMICAL DUMP IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL  
REGULATIONS.

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