

## **HARDENER FOR PEDILEN FOAM, 617P32**

### **MSDS Number**

BJCJV

### **National Stock Number**

6520-00F012384

### **Product Name**

HARDENER FOR PEDILEN FOAM, 617P32

### **Manufacturer**

OTTO BOCK ORTHOPEDIC IND INC

### **Product Identification**

Product ID:HARDENER FOR PEDILEN FOAM, 617P32

MSDS Date:12/01/1987

FSC:6520

NIIN:00F012384

MSDS Number: BJCJV

### **Responsible Party**

OTTO BOCK ORTHOPEDIC IND, INC

3000 XENIUM LANE NORTH

MINNEAPOLIS , MN 55441

Emergency Phone: (800) 328-4058

Info Phone: (800) 328-4058

Cage: 1FE17

### **Contractor**

OTTO BOCK ORTHOPEDIC IND., INC

MINNEAPOLIS, MN 55441

(800) 328-4058

Cage: 1FE17

### **Ingredients**

METHYLENE BISPHENYL ISOCYANATE (MDI) (SARA III)

CAS: 101-68-8

RTECS: NQ9350000

Fraction By Weight: 10-20%

OSHA PELC, 0.02 PPM

ACGIH TLV: 0.005 PPM; 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

HIGHER OLIGOMERS OF MDI, POLYMETHYLENE POLYPHENYLENE

CAS: 9016-87-9

RTECS: TR0350000

Fraction By Weight: >50%

PHENYL ISOCYANATE

CAS: 103-71-9

RTECS: DA3675000

Fraction By Weight: TRACE

## Hazards

LD50 LC50 Mixture:LD50 (ORAL RAT): >15000 MG/KG

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

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

Health Hazards Acute and Chronic:SKIN: DISCOLORATION, IRRITATION, & ALLERGIC REACTION. EYES: TEARING, BURNING, & IRRITATION.

INHALATION: IRRITATION TO MUCOUS MEMBRANES, NOSE, MOUTH, LUNGS, PRESSURE IN CHEST, BREATHING DIFFICULTY, & H EADACHES. INGESTION: DRYNESS OF MOUTH, & HARMFUL.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:SKIN: DISCOLORATION, IRRITATION, & ALLERGIC REACTION. EYES: TEARING, BURNING, & IRRITATION. INHALATION:

IRRITATION TO MUCOUS MEMBRANES, NOSE, MOUTH, LUNGS, PRESSURE IN CHEST, BREATHING DIFFICULTY & HE ADACHES. INGESTION: DRYNESS OF MOUTH, &HARMFUL.

Medical Cond Aggravated by Exposure:ALLERGIC

## First Aid

First Aid:EYES: FLUSH W/LARGE QUANTITIES OF WATER FOR 10-15 MINS.

CONSULT DOCTOR. SKIN: WIPE AWAY & WASH THOROUGHLY W/SOAP & WATER.

CAREFULLY CREAM AFFECTED AREAS. INGESTION: DON'T INDUCE VOMITING.

CONSULT DOCT OR. INHALATION: REMOVE TO FRESH AIR. KEEP WARM &

QUIET. SEEK MED ATT.

## Fire Fighting

Flash Point Method:PMCC

Flash Point:>200C

Extinguishing Media:WATER SPRAY, EXTINGUISHING POWDER, CO2, DRY CHEMICAL EXTINGUISHER.

Fire Fighting Procedures:WHEN FIGHTING FIRES, USE RESPIRATORY PROTECTION W/INDEPENDENT AIR SUPPLY.

Unusual Fire/Explosion Hazard:IN CLOSED CONTAINERS PRESSURE MAY BUILD UP. DANGER OF BURSTING.

## Accidental Release

Spill Release Procedures:COVER SPILL W/LIQUID ABSORBENT MATERIAL, SAND, SAW DUST, CHEMICAL BINDER BASED ON CALCIUM SILICA HYDRATE. LET SIT 1 HOUR & PUT INTO AN OPEN WASTE CONTAINER. DON'T CLOSE CONTAINER. KEEP MOIST & ALLOW T O SIT IN PROTECTED LOCATION FOR 7-14 DAYS.

## Handling

Handling and Storage Precautions:KEEP CONTAINERS DRY & TIGHTLY CLOSED.

AVOID TEMPERATURES >50C/INSTRUCTIONS. KEEP AWAY FROM FOOD/BEVERAGES.

Other Precautions:USE ONLY IN AREAS W/ADEQUATE AIR EXHAUST SYSTEMS. USE APPROPRIATE WORK CLOTHES & KEEP SEPARATE.

## Exposure Controls

Respiratory Protection:USE FRESH AIR MASKS W/A2-P2 FILTER.

Ventilation:MECHANICAL: STANDARD.

Protective Gloves:REQUIRED

Eye Protection:SAFETY GLASSES

Other Protective Equipment:SUITABLE WORK CLOTHES

Work Hygienic Practices:REMOVE SOILED OR SATURATED CLOTHING WASH HANDS THOROUGHLY BEFORE BREAKS & AT END OF SHIFT.

Supplemental Safety and Health

## Chemical Properties

Boiling Pt:B.P. Text:230C

Melt/Freeze Pt:M.P/F.P Text:Vapor Pres:Vapor Density:8.5

Spec Gravity:1.23

Solubility in Water:INSOLUBLE

Appearance and Odor:PALE YELLOW LIQUID W/WEAK AROMATIC ODOR.

## Stability

Stability Indicator/Materials to Avoid:YES

AMINES, ALCOHOLS, CO<sub>2</sub>

Hazardous Decomposition Products:CO, NITROUS MONOXIDE, ISOCYANNATE  
VAPORS, TRACES OF CYANIDE OF HYDROGEN

Conditions to Avoid Polymerization:MOISTURE, TEMPERATURES >204C

## Disposal

Waste Disposal Methods:DISPOSE OF ACCORDING TO LOCAL ORDINANCES AT  
APPROVED BURNING SITES. EMPTY CONTAINERS MAY BE DISPOSED OF ONLY  
AFTER TRACES ARE CLEANED FROM THE CONTAINERS & LABELS ARE REMOVED.  
MAY BE DISPOSED OF AT AP PROVED WASTE SITE.

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