

COSHH Premoulded Splints

1. PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL FAMILY : ORTHOPEDIC CASTING RESIN
CHEMICAL NAME : POLYURETHANE PREPOLYMER

COMPANY : Benefoot UK Ltd
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APPROVAL DATE : 1997.02

2. EMERGENCY OVERVIEW

NFPA RATING : HEALTH : 1 FLAMMABILITY : 1 REACTIVITY : 1

IRRITATIONS:

SKIN : Irritating

EYE : Irritating

INHALATION: N/D

INGESTION : N/D

3. FIRST AID MEASURES

EYES :

Flush with flowing water for at least 15 minutes and consult a physician.

SKIN :

Wash thoroughly with soap and water and rinse well with water for 15 minutes. Consult a physician if irritation develops.

INGESTION :

Give 2 glasses of water and induce vomiting. Consult a physician immediately.

NOTE :If victim is unconscious, never induce vomiting nor give liquids.

Place victim in a stable side position and keep warm.

INHALATION:

Remove to fresh air. Assist breathing if necessary. Consult a physician.

4. FIRE AND EXPROSION HAZARDS

FLASH POINT : N/D

AUTO-IGNITION TEMP: N/D

BURNING RATE : N/D

Extinguish media : Carbon dioxide, dry chemicals and their equivalents.

SPECIAL FIRE FIGHTING PROCEDURES :

Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece and protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS :

None known

HAZARDOUS COMBUSTION PRODUCTS :

Carbon dioxide, carbon monoxide

5. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS : Wear protective clothing, gloves, and eye protection.

ENVIRONMENTAL PRECAUTIONS : None needed.

CLEANING METHODS : Normal clean up.

6. STORAGE AND HANDLING

Avoid eye and skin contact. Avoid inhaling. Store in a cool, dry and well ventilated location.

7. PROTECTION INFORMATION

VENTILATION

GENERAL MECHANICAL : Adequate

LOCAL EXHAUST : Preferred

OTHER :

Local exhaust is required at high temperatures.

RESPIRATORY PROTECTION: Approved respirator if exposed to vapors or mist.

PROTECTIVE GLOVES : Rubber or plastic.

EYE PROTECTION : Chemical goggles.

OTHER MEASURES :

Impermeable apron and boots to prevent skin contact.

8. PHYSICAL DATA

MELTING POINT : N/D

BOILING POINT : N/D

DENS/SPEC GRAV : 1.2 @40°

VISCOSITY : 7,000 ~ 17,000 cps/20°

ODOR THRESHOLD : Characteristic mild odour

VAPOR PRESSURE : N/D

VAPOR DENSITY : N/D

EVAPORATION RATE: N/D

REFRACTIVE INDEX: N/D

APPEARANCE : Dark yellow liquid

9. REACTIVITY DATA

STABILITY : Stable

CONDITIONS TO AVOID :

Heat, spark, fire

INCOMPATIBILITY :

Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS :

CO, CO₂

HAZARDOUS POLYMERIZATION : Will occur.

10. TOXICOLOGICAL INFORMATION

ACUTE ORAL TOXICITY : N/D

ACUTE DERMAL TOXICITY : N/D

ACUTE INHALATION TOXICITY : N/D

OTHER ACUTE EFFECTS : N/D

11. ECOLOGICAL DATA

BIODEGRADABILITY : N/D

AQUATIC TOXICITY: N/D

INHIBITION OF BACTERIA IN EFFLUENT : N/D

12. SPILL AND DISPOSAL PROCEDURES

SPILLS AND LEAKS :

Contain large spills and pump away. Small spills can be covered with absorbent material.

WASTE DISPOSAL :

Dispose of in a licensed facility. Observe local, state, federal regulations.

13. TRANSPORT INFORMATION

UN Class : Not classified

IMO Class : Not classified

14. REGULATORY INFORMATION

Not classified

15. OTHER INFORMATION

N/A = Not Applicable

N/D = No Data

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