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JOHNSON & JOHNSON HOSPITAL SERVICES INC -- DELTA-LITE FIBREGLASS CASTING TAPE -- 6510-01-196-6204

Product ID:DELTA-LITE FIBREGLASS CASTING TAPE MSDS Date:01/01/1987 FSC:6510 NIIN:01-196-6204 **MSDS Number: BHYDR** === Responsible Party === Company Name: JOHNSON & JOHNSON HOSPITAL SERVICES INC Address:501 GEORGE STREET City:NEW BRUNSWICK State:NJ ZIP:08903 Country:US nfo Phone Num:800-526-2459 Emergency Phone Num:800-526-2459 CAGE:79717 === Contractor Identification === Company Name: JOHNSON & JOHNSON HOSPITAL SERVICES INC. Address:501 GEORGE STREET Box:4000 City:NEW BRUNSWICK State:NJ ZIP:08903 Country:US Phone:800-255-2500 CAGE:79717

Ingred Name:POLYPROPYLENE POLYOL DIPHENYL METHANE DIISOCYANATE PREPOLYMER CAS:9048-57-1 Fraction by Wt: 31-34% Other REC Limits:NONE SPECIFIED

Ingred N

ame:METHYLENE BISPHENYL ISOCYANATE (MDI) (SARA III) CAS:101-68-8 RTECS #:NQ9350000 Fraction by Wt: 5-8% Other REC Limits:NONE SPECIFIED OSHA PEL:C, 0.02 PPM ACGIH TLV:0.005 PPM; 9192 EPA Rpt Qty:1 LB DOT Rpt Qty:1 LB

Ingred Name:ALUMINUM (SARA III) CAS:7429-90-5 RTECS #:BD0330000 Fraction by Wt: 5% Other REC Limits:NONE SPECIFIED OSHA PEL:15MG/M3 DUST/5 FUME ACGIH TLV:10MG/M3 DUST; 9192

Ingred Name:FIBERGLASS Fraction by Wt: 54% Other REC Limits:NONE SPECIFIED OSHA PEL:15 MG/M3(TOTAL DUST) A CGIH TLV:10 MG/M3 (DUST)

Ingred Name:POLYETHYLENE AS A COPOLYMER Fraction by Wt: 2% Other REC Limits:NONE SPECIFIED

LD50 LC50 Mixture:ORAL LD50 (RAT) IS UNKNOWN. Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic:EYES: CURING OF PREPOLYMER AND CAST REMOV MAY CAUSE EYE AND SKIN IRRITATION. HEATING BEFORE CURING MAY RELEASE ISOCYAN AT VAPORS WHICH MAY CAUSE RESPIRATORY TRACT

IRRITATION. INGESTION MAY CAUSE IRRITA TION WITH POSSIBLE CORROSIVE ACTION. EXCESSIVE EXPOSURE TO VAPORS MAY CAUSE PULMONARY EDEMA AND MAY BE DELAYED.

Effects of Overexposure:REDNESS, SMARTING, TEARING & SWELLING OF THE EYE. DRYNESS & CRACKING OF THE SKIN. VOMITING FROM INGESTION. INGESTION OF THE CAST MATERIAL MAY CAUSE PHYSICAL BLOCKAGE OF THE GI TRACT.

Medical Cond Aggravated by Exposure: PEOPLE WITH CHRONIC DISEASES OF THE

SKIN MAY BE AT INCREASED RISK WHEN EXPOSED TO THIS MATERIAL.

First Aid:INHALATION: MOVE PERSON TO FRESH AIR.RESTORE BREATHING. TREAT SYMPTOMATICALLY. GET MEDICAL HELP. EYES: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL TREATMENT. SKI N: WASH AFFECTED SKIN AREAS WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. CONSULT A PHYSICIAN FOR ALLERGIC SKIN REACTION.INGESTION

: DO NOT INDUCE VOMITING: GET IMMEDIATE MEDICAL ATTENTION.

Flash Point Method:PMCC
Flash Point:>350F,>177C
Autoignition Temp:Autoignition Temp Text:NONE
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCB & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE.
Unusual Fire/Explosion Hazard:FIRES CAN RELEASE NITROGEN OXIDES AND

ISOCYANATE VAPORS.

Spill Release Procedures:EXPOSED PREPOLYMER WILL REACT WITH AMBIENT MOISTURE AND POLYMERIZE (HARDEN). A DILUTE AMMONIA SOLUTION (10%) WILL NEUTRALIZE UNREACTED PREPOLYMER. Neutralizing Agent:10% AMMONIA SOLUTION

Handling and Storage Precautions:STORAGE TEMPERATURES SHOULD NOT EXCEED 75F TO PREVENT PREMATURE POLYMERIZATI ON OF THE PRODUCT. Other Precautions:AVOID CONTACT WITH SKIN AND EYES.

Respiratory Protection:NONE REQUIRED DURING CAST APPLICATION. DURING CAST REMOVAL USE NIOSH/MSHA APPROVED RESPIRATORS FOR DUST IF CONCENTRATION EXCEEDS THE TLV FOR NUISANCE DUST. Ventilation:NORMAL MECHANICAL VENTILATION DURING CAST APPLICATION. RECOMMEND LOCAL EXHAUST DURING CAST REMOVAL. Protective Gloves:VINYL OR RUBBER GLOVES Eye Protection: SAFETY GOGGLES WITH SIDE SHIELD. Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER. Work Hygienic Practices: WASH HANDS BEFORE EATING OR SMOKING OR USING THE WAS ROOM. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. Supplemental Safety and Health THE FIBERGLASS SUBSTRATE IS A LOW DUST/FIBER RELEASING MATERIAL. FREE FIBERGLASS DUST PARTICLES ARE NOT EXPECTED TO BE RELEASED AS THE SUBSTRATE IS BOUND BY THE PREPOLYMER. ==== HCC:N1 Boiling Pt:B.P. Text:392F,200C Vapor Pres:NIL Spec Gravity: 1.23-PREPOLYMER Solubility in Water:REACTS Appearance and Odor:4 YDX3 IN BANDAGE (FIBERGLASS SUBSTRATE COATED WITH A POLYURETHANE RESIN.

Percent Volatiles by Volume:NIL

Stability Indicator/Materials to Avoid:NO WATER, STRONG ALKALI, ALCOHOLS, METAL COMPOUNDS, SURFACE ACTIVE AGENTS. Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products:CARBON DIOXIDE & CARBON DIOXIDE, NITROGEN OXIDES AND ISOCYANATE VAPORS. Conditions to Avoid Polymerization:POLYMERIZATION MAY OCCUR IF MATERIAL

IS HEATED FOR LONG PERIODS.

Waste Disposal Methods:DISPOSAL SHOULD BE DONE IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.HARDENED CAST MATERIAL IS NOT CLASSIFIED AS A HAZARDOUS WASTE AND MAY BE DISPOSED OF IN AN ORDINARY LA NDFILL.

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