

MINNESOTA MINING AND MFG. CO.MEDICAL SURGICAL MARKETING DIV -- ENHANCED
SCOTCHCAST PLUS CASTING TAPE -- 6510-01-271-5683

===== Product Identification =====

Product ID:ENHANCED SCOTCHCAST PLUS CASTING TAPE
MSDS Date:08/19/1996
FSC:6510
NIIN:01-271-5683
Status Code:A
MSDS Number: CKLMF
=== Responsible Party ===
Company Name:MINNESOTA MINING AND MFG. CO.MEDICAL SURGICAL MARKETING
DIV
Address:17132 PULLMAN STREET
City:IRVINE
State:CA
ZIP:92614-5524
Country:US
Info Phone Num:800-854-3760; 714-250-9237
Emergency Phone Num:714-250-9237
CAGE:5W380
=== Contractor Identification ===
Company Name:MINNESOTA MINING AND MFG CO, DBA 3M
Address:3M CENTER BLDG 224-5S-04
Box:City:SAINT PAUL
State:MN
ZIP:55144-1000
Country:US
Phone:866-556 5712 / 612-733-1110
CAGE:76381
Company Name:MINNESOTA MINING AND MFG COVMEDICAL SURGICAL MARKETING DIV
Address:17132 PULLMAN STREET
Box:City:IRVINE
State:CA
ZIP:92614-5524
Country:US
Phone:800-854-3760/714-250-9237
CAGE:5W380

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===== Composition/Information on Ingredients =====

Ingred Name:FIBOROUS GLASS

CAS:65997-17-3

Minumum % Wt:58.

Maxumum % Wt:63.

Ingred Name:4,4'-DIPHENYLMETHANE DIISOCYANATE-POLYPROPYLENE GLYCOL
COPOLYMER

CAS:9048-57-1

Minumum % Wt:33.

Maxumum % Wt:38.

Ingred Name:DIPHENYLMETHANE DIIOCYANATE

CAS:26447-40-5

Minumum % Wt:3.

Maxumum % Wt:8.

Ingred Name:DIPHENYLMETHANE DIISOCYANATE HOMOPOLYMER

CAS:39310-05-9

Minumum % Wt:1.

Maxumum % Wt:3.

Ingred Name:COLORANT

< Wt:2.

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ngred Name:DIMORPHOLINODIETHYL ETHER

CAS:6425-39-4

< Wt:2.

Ingred Name:ZINC SULFIDE (ZNS), COPPER CHLORIDE-DOPED

CAS:68611-70-1

< Wt:3.

Ingred Name:BUTYL BENZYL PHTHALATE

CAS:85-68-7

RTECS #:TH9990000

< Wt:2.

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:TERTIARY AMINE

CAS:111681-72-2

< Wt:2.

Ingred Name:ANTIFOAM

< Wt:1.

Ingred Name:P-TOLUENESULFONYL CHLORIDE

CAS:98-59-9

< Wt:.5

Ingred Name:BUTYLATED HYDROXYTOLUENE

CAS:128-37-0

RTECS #:GO7875000

< Wt:.5

ACGIH TLV

:10 MG/M3

===== Hazards Identification =====

Health Hazards Acute and Chronic:EYE: MILD EYE IRRITATION. SKIN: MILD SKIN IRRITATION (AFTER PROLONGED OR REPEATED CONTACT). INHALATION: NO ADVERSE HEALTH EFFECTS ARE EXPECTED FROM INHALATION EXPOSURE. SWALLOWED: INJECTION IS NOT A LIKELY ROUTE OF EXPOSURE TO THIS PRODUCT.

Effects of Overexposure:EYE: REDNESS, SWELLING, PAIN, AND TEARING. SKIN: REDNESS, SWELLING, AND ITCHING. INHALATION: SORENESS

OF THE

NOSE AND THROAT, COUGHING AND SNEEZING. SWALLOWED: IRRITATION OF GASTROINTESTINAL TISSUES: PAIN, VOMITING, ABDOMINAL TENDERNESS, NAUSEA, BLOOD IN VOMITUS, AND BLOOD FECES.

Medical Condition Aggravated by Exposure:THOSE PEOPLE WITH BRONCHIAL PROBLEMS OR WITH ISOCYANATE SENSITIVITY MAY RESPOND TO LOW ISOCYANATE CONCENTRATIONS, ALTHOUGH NO KNOWN OCCURRENCES HAVE OCCURRED WITH THIS PRODUCT.

===== First Aid Measures =====

First Aid:E

EYE: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION. SKIN: FLUSH SKIN WITH LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INHALATION: IF SIGNS/SYMPTOMS OCCUR, REMOVE PERSON TO FRESH AIR. IF SIGNS/SYMPTOMS CONTINUE, CALL A PHYSICIAN. SWALLOWED: DRINK TWO GLASSES OF WATER. CALL A PHYSICIAN.

===== Fire Fighting Measures =====

Flash Point Method:TCC

Flash Point

:>104.4C, 220.F

Autoignition Temp:Autoignition Temp Text:N/D

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING, INCLUDING HELMET, SELF-CONTAINED, POSITIVE PRESSURE OR PRESSURE DEMAND BREATHING APPARATUS, BUNKER COAT AND PANTS, BANDS AROUND ARMS, WAIST AND LEGS, FACE MASK, AND PROTECTIVE COVERING FOR EXPOSED AREAS OF THE HEAD.

Unusual Fire/Explosion Hazard:NONE KNOWN.

===== Handling and Storage =====

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Handling and Storage Precautions:STORE AWAY FROM HEAT. STORE OUT OF DIRECT SUNLIGHT. KEEP CONTAINER DRY. KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions:SEE PRODUCT INSERT FOR ADDITIONAL PRECAUTION STATEMENTS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:AVOID BREATHING OF VAPORS CREATED DURING THE CURE CYCLE.

Ventilation:USE IN A WELL-VENTILATED AREA.

Protective Gloves:WEAR APPROPRIATE GLOVES WHEN HANDLING THIS MATERIAL.

Eye Protection:AVOID EYE CONTACT.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING. DO NOT INGEST.

Supplemental Safety and Health

SEE PRODUCT INSERT FOR ADDITIONAL PRECAUTION STATEMENTS.

===== Physical/Chemical Properties =====

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:N/D

Solubility in Water:NIL

Appearance and Odor:LIQUID RESIN IMPREGNATED ON KNIT FIBERGLASS/SLIGHT ODOR.

===== Stability and Reactivity Data =====

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Stability Indicator/Materials to Avoid:YES

STRONG BASES, AMINES, ALCOHOLS, WATER. PRODUCT REACTS WITH ATMOSPHERIC MOISTURE OR WATER AND MAY BECOME UNUSABLE.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF NITROGEN

===== Toxicological Information =====

Toxicological Information:BUTYL BENZYL PHTHALATE (CAS# 85-68-7) IS A POTENTIAL REPRODUCTIVE HAZARD CAUSING MALE REPRODUCTIVE SYSTEM EFFECTS BY THE ORAL ROUTE OF EX

POSURE IN LABORATORY STUDIES.

===== Disposal Considerations =====

Waste Disposal Methods:INCINERATE IN AN INDUSTRIAL OR COMMERCIAL FACILITY. INCINERATE IN A PERMITTED HAZARDOUS WASTE INCINERATOR. DISPOSE OF COMPLETELY CURED (OR POLYMERIZED) MATERIAL IN A SANITARY LANDFILL.

===== Regulatory Information =====

SARA Title III Information:SECTION 313: ZINC SULFIDE (ZNS), COPPER CHLORIDE DOPED.

State Regulatory Information:

===== Other Information =====

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