

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:1713

2 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:926

14-5524

Country:US

Phone:800-854-3760/714-250-9237

CAGE:5W380

===== 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.

umum % Wt:1.  
Maxumum % Wt:3.

Ingred Name:COLORANT  
&lt; Wt:2.

Ingred Name:DIMORPHOLINODIETHYL ETHER  
CAS:6425-39-4  
&lt; Wt:2.

Ingred Name:ZINC SULFIDE (ZNS), COPPER CHLORIDE-DOPED  
CAS:68611-70-1  
&lt; Wt:3.

Ingred Name:BUTYL BENZYL PHTHALATE  
CAS:85-68-7  
RTECS #:TH9990000  
&lt; Wt:2.  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

Ingred Name:TERTIARY AMINE  
CAS:111681-72-2  
&lt; Wt:2.

Ingred Name:ANTIFOAM  
&lt; Wt:1.

Ingred Name:P-TOLUENESULFONYL CHLORIDE  
CAS:98-59-9  
&lt; Wt:.5

Ingred Name:BUTYLATED HY  
DROXYTOLUENE  
CAS:128-37-0  
RTECS #:GO7875000  
&lt; Wt:.5  
ACGIH TLV:10 MG/M3

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===== 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 TEARIN

G.

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

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

First Aid: 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 =====

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.

ED 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.

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Physical/Chemical Properties  
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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  
O  
DOR.

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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

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Toxicological Information  
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Toxicological Information:BUTYL BENZYL PHTHALATE (CAS# 85-68-7) IS A  
POTENTIAL REPRODUCTIVE HAZARD CAU  
SING MALE REPRODUCTIVE SYSTEM  
EFFECTS BY THE ORAL ROUTE OF EXPOSURE IN LABORATORY STUDIES.

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Disposal Considerations  
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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.

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Regulatory Information  
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SARA Title III Information:SECTION 313: ZINC

SULFIDE (ZNS), COPPER  
CHLORIDE DOPED.

State Regulatory Information:

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

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