

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
< Wt:2.

Ingred 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 HY
DROXYTOLUENE
CAS:128-37-0
RTECS #:GO7875000
< 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 OCCURRENCES 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.

===== 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
O
DOR.

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

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 CAU
SING MALE REPRODUCTIVE SYSTEM
EFFECTS BY THE ORAL ROUTE OF EXPOSURE 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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