

3M COMPANY-ELECTRICAL PRODUCTS DIVISION -- SCOTCHCAST 226 ELECTRICAL RESIN, PART A
-- 8040-00-598-5803

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

Product ID:SCOTCHCAST 226 ELECTRICAL RESIN, PART A
MSDS Date:10/22/1985
FSC:8040
NIIN:00-598-5803
MSDS Number: BFHKL
=== Responsible Party ===
Company Name:3M COMPANY-ELECTRICAL PRODUCTS DIVISION
Address:3M CENTER
City:ST PAUL
State:MN
ZIP:55144-1000
Country:US

Emergency Phone Num:612-733-1110

CAGE:75037

=== Contractor Identification ===

Company Name:MINNESOTA MINING AND MFG CO ELECTRICAL PRODUCTS DIV
Address:3M AUSTIN CTR
Box:City:AUSTIN
State:TX
ZIP:78769-2963
Country:US
Phone:512-984-1800
CAGE:75037

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

Ingred Name:METHYLENE BISPHENYL ISOCYANATE (MDI) (SARA III)
CAS:101-68-8
RTECS #:NQ9350000
Fraction by Wt: 50%.
Other REC Limits:0.005 PPM
OSHA PEL:C, 0.02 PPM
ACGIH TLV:0.005 PPM;

9192
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:POLYMERIC DIPHENYLMETHANE DIISOCYANATE (MDI-PREPOLYMER)(WT%
RANGE 45-55%)
CAS:9016-87-9
Fraction by Wt: 50%.

Ingred Name:PHENYL ISOCYANATE (WT% RANGE 0-0.1%)
CAS:103-71-9
RTECS #:DA3675000
Fraction by Wt: 0.1%
Other REC Limits:NONE

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chron
ic:POSSIBLY CAUSE SENSITIZATION OR
ALLERGIC REACTIONS.

Effects of Overexposure:PART A OR MIXTURE A/B: EYE: SEVERE IRRITANT,
TEARS, REVERSIBLE CORNEAL DAMAGE. SKIN: REACTS W/SKIN PROTEIN &
MOISTURE, CAUSES IRRIT, DISCOLORATION, REDDENING, BLISTERS,
SENSITIZER. INHL: A OR A/B MIX-URT IRRIT,
COUGH, DYSPNEA, DISCOMFORT, DISTRESS, ASTHMA, INGEST: A OR A/B- SEVERE
IRRIT MOUTH & GI TRACT.

Medical Cond Aggravated by Exposure: ANY PREEXISTING SENSITIVITY OR
ALLERGIC CONDITION.

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

First Aid:EYE: FLUSH 10 MINUTES W/AMPLE WATER. SKIN: REMOVE CONTAMINATED
CLOTHING & WASH BEFORE REUSE. WASH SKIN W/SOAP & WATER. INHALE:
REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESP OR OXYGEN AS REQUIRED.
INGESTION : GIVE TWO GLASSES WATER IF CONSCIOUS. DO NOT INDUCE
VOMITING. CALL PHYSICIAN ALL CASES IMMEDIATELY.

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

Flash Point Method:CC
Flash Point:>400F/2

04C

Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL

Fire Fighting Procedures:USE SCBA PP MODE. DURING FIRE VAPORS ARE IRRITATING & HIGHLY TOXIC.

Unusual Fire/Explosion Hazard:ABOVE 400F, PRESSURE BUILDUP IN CLOSED CONTAINERS CAN CAUSE EXPLOSION.

===== Accidental Release Measures =====

Spill Release Procedures:FOLLOW ALL PRECAUTIONS GIVEN. WEAR SCBA PP MODE & BODY PROTECTION. POUR NEUTRALIZING AGENT OVER SPILL AREA AND REACT FOR 10 MIN.(USE WATER IF NEUT AGT NOT AVAILABLE). COLLECT

NEUTRALIZED SPILL W/ABSORBENT AND PLACE IN CLOSABLE CONTAINER.

Neutralizing Agent:SOLUTION OF (1) CONC AMMONIA 8%; (2) LIQUID DETERGENT 2%; (3) WATER 90%.

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

Handling and Storage Precautions:USE ONLY IN WELL VENTILATED AREAS.

AVOID EXCESS HEAT, IGNITION SOURCES. KEEP CONTAINERS CLOSED, STORE IN COOL DRY AREA. AVOID ALL MOISTURE & H2O VAPOR

Other Precautions:DO NOT INHALE OR INGEST. AVOID EYE-SKIN CONTACT. USE

SAF OR SCBA RESPIRATOR PP MODE IF LOCAL EXHAUST NOT AVAILABLE.

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

Respiratory Protection:SUPPLIED AIR (PP MODE) RESP W/FULL FACEPIECE; OR SELF-CONTAINED BREATHING APPARATUS, PP MODE.

Ventilation:LOCAL EXHAUST FOR MIX, USE & CURE AREAS.

Protective Gloves:IMPERVIOUS: RUBBER OR PVA

Eye Protection:CHEMICAL GOGGLES, FULL FACE SHIELD.

Other Protective Equipment:NONE

Supplemental Safety and Health

Part

PART A OF TWO-PART KIT. UPDATE PER 3M MSDS DOC# 10-2588-1 DATED 22OCT85. 3M GENERIC IS#S ARE 80-180-040X-X AND 80-1300-XXXX-X.

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

HCC:N1

Vapor Pres:NEG

Vapor Density:8.5

Spec Gravity:1.24

Solubility in Water:REACTS!

Appearance and Odor:DARK BROWN LIQUID

Percent Volatiles by Volume:LOW

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

Stability Indicator/Materials to Avoid:YES

WATER, AMINES, STRONG BASES

ES, ALCOHOLS.

Stability Condition to Avoid: EXCESS HEAT, IGNITION SOURCES.

Hazardous Decomposition Products: CARBON & NITROGEN OXIDES, TRACES
HYDROGEN CYANIDE, DIPHENYLMETHANE DIISOCYANATE.

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

Waste Disposal Methods: LANDFILL OR INCINERATE IAW ALL LAWS & REGS.

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