

3M COMPANY- ELECTRICAL PRODUCTS DIVISION -- SCOTCHCAST 72-N5 KIT (W/4407
ENCAPSULANT) -- 5975-01-017-4703

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

Product ID:SCOTCHCAST 72-N5 KIT (W/4407 ENCAPSULANT)

MSDS Date:02/17/1986

FSC:5975

NIIN:01-017-4703

Kit Part:Y

MSDS Number: BGDSH

=== Responsible Party ===

Company Name:3M COMPANY- ELECTRICAL PRODUCTS DIVISION

Address:3M CENTER

City:ST PAUL

State:MN

ZIP:5514

4-1000

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

Company Name:SAADY AND HILL ELECTRICAL SUPPLY CO.

Address:1622 COMMERCE ROAD

Box:24777

City:RICHMOND

State:VA

ZIP:23224-0777

Country:US

Phone:804-231-4405

CAGE:58121

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

Ingred Name:METHYLENE BISPHENYL ISOCYANATE (MDI) (SARA III)
CAS:101-68-8
RTECS #:NQ9350000
Fraction by Wt: 45%.
Other REC Limits:0.005
OSHA PEL:C, 0.02 PPM
ACGIH TLV:0.005 PPM; 9192
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:POLYOL (WT% RANGE 15-25%)
Fraction by Wt: 15%.
Other REC Limits:NONE

Ingred Name:DIUNDECYL PHTHALATE (WT% RANGE 35-45%)
CAS:3648-20-2
RTECS #:TI1980000
Fraction by Wt: 40%.

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

Routes of Entry: Inhalat
ion:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:MAY INDUCE RESPIRATORY SENSITIZATION,
ASTHMA-LIKE EPISODES
Effects of Overexposure:EYE: MODERATE IRRITATION. SKN: MODERATE
IRRITATION. INHALE:MILD-MODERATE IRRITANT-MAY INDUCE ASTHMA TYPE
SYMPTOMS. INGEST:MODERATE IRRT, LOW ORAL TOXICITY.NOT: MIXTURE OF
PT A&B MAY CURE ON SKIN IF NO T PROMPTLY REMOVED
Medical Cond Aggravated by Exposure:ANY PREEXISTING ALLERGY OR

SENSITIVITY CONDITION.

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

First Aid:EYES:IMMED. FLUSH W/WATER FOR >10 MIN.-GET MED. ATTN.;
SKIN:REMOVE CONTAMIN. CLOTHNG & WASH AFFECTED AREA THOROUGHLY
W/SOAP & WATER; INHAL:PROVIDE FRESH AIR-IF BREATHNG
DIFFICULTIES,DISCONTINUE EXPOSU RE-GET MED.ATTN.;INGEST:DONOT
INDUCE VOMIT-GET DR

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

Flash Point Method:CC
Flash Point:270F/132C
Extinguishi

ng Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL

Fire Fighting Procedures:USE FULL BODY PROTECTION AND SCBA PP MODE.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:FOLLOW ALL PRECAUTIONS GIVEN. POUR NEUTRALIZING AGENT OVER SPILL AREA & REACT FOR 10 MIN. IF NEUTRALIZING AGENT NOT AVAILABLE, USE WATER SUBSTITUTE, REACT FOR 20-30 MIN. COLLECT W/ABSORBENT, PLACE IN CLOSABLE DRUM.

Neutralizing Agent:MIX: 8% CON
C AMMONIA, 2% LIQUID DETERGENT, 90%
WATER.

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

Handling and Storage Precautions:AVOID EYE/SKIN CONTACT. USE ONLY W/ADEQUATE VENTILATION, LOCAL EXHAUST PREFERRED. AVOID USE IN CONFINED SPACES,OTHERWISE USE SCBA PP MODE.

Other Precautions:KEEP AWAY FROM IGNITION SOURCES,INCLUDING STATIC SPARKS. KEEP OUT OF CHILDREN'S REACH. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

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

Respiratory Protection:USE SCBA PP MODE IN CONFINED OR POORLY VENTED AREAS

Ventilation:LOCAL EXHAUST PREFERRED

Protective Gloves:IMPERVIOUS, AS REQD

Eye Protection:GOGGLES

Other Protective Equipment:FULL SKIN PROTECTION & COVER

Supplemental Safety and Health

PART A OF TWO PART IT. UPDATE PER 3M MSDS DOC#10-5577-1 DTD 17FEB 86 3M
ID# IS 80-6100-7212-8. ENCAPSULANT (SCOTCHCAST 4407) IS CONTAINED
IN FOUR SIZE D UNI PAK TWO-COMPARTMENT BAGS CONTAINING 2704 6 MS

TOTAL (95.2 OZ) AND COMPRISING PARTSA&B.KEY01:N1.

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

HCC:N1

Spec Gravity:1.05

Viscosity:17 P

Solubility in Water:REACTS WITH

Appearance and Odor:GREEN, VISCOUS LIQUID

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

REACTS W/WATER. ALCOHOL, AMINES.

Stability Condition to Avoid:EXCESS HEAT,IGNITION SOURCES

Hazardous Decomposition Prod

ucts:CARBON & NITROGEN OXIDES, TRACE HCN &
DIPHENYLMETHANE DIISOCYANATE

Conditions to Avoid Polymerization:MFR. CITES NONE

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

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

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