

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: BGDSJ

=== 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:DIUNDECYL PHTHALATE (WT% RANGE 10-20%)

CAS:3648-20-2

RTECS #:TI1980000

Fraction by Wt: 15%.

Other REC Limits:NONE

Ingred Name:POLYOL (WT% RANGE 80-90%)

Fraction by Wt: 85%.

Other REC Limits:NONE

Ingred Name:HYDROCARBON POLYOL; RANGE 60-70%

Fraction by Wt: 65%.

Ingred Name:ORGANIC TIN COMPOUND

Fraction by Wt: 0.3%

OSHA PEL:S, 0.1 MG/M3 (SN)

ACGIH TLV:S, 0.1 MG/M3 (SN)

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

Routes of Entry: Inhalation:YES Skin:NO I

ngestion: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 IRRIT, LOW ORAL TOXICITY. NOT: MIXTURE OF  
PT A&B MAY CURE ON SKIN IF NOT PROMPTLY REMOVED.

Medical Cond Aggravated by Exposure:ANY PRE-EXISTING ALLERGY OR  
SENSITIVIT

Y 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 EXPOSURE-GET MED.ATTN.; INGEST:DONOT  
INDUCE VOMIT-GET DR

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

Flash Point Method:CC

Flash Point:270F/132C

Extinguishing Media:CAR

BON 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. COLLECT  
W/ABSORBENT, PLACE IN CLOSABLE DRUM.

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

Handling and Storage Precautions:AVOID EYE/SKIN CONTACT. USE ONLY  
W/ADEQUATE VENTILATION, LOCAL EXHAUST PREFERRED. AV  
OID 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 B OF TWO-PART KIT. 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 TWO-COMPARTMENT UNIPAK BAGS, CONTAINING  
2704 GM TOTAL (95.2 OZ) AND COMPRISING PARTS A&B.KEY01:N1.

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

HCC:N1

Spec Gravity:1.00

Viscosity:6 P

Solubility in Water:INSOLUBLE

Appearance and Odor:CLEAR, OILY LIQUID

Per

cent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoid:EXCESS HEAT, IGNITION SOURCES

Hazardous Decomposition Products: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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