

3M CO - ENGINEERING SYSTEMS DIV. -- SCOTCHCAST BRAND ELECTRICAL INSULATING RESIN
2104,PART B -- 5970-00-959-2096

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

Product ID:SCOTCHCAST BRAND ELECTRICAL INSULATING RESIN 2104,PART B

MSDS Date:08/22/1996

FSC:5970

NIIN:00-959-2096

Kit Part:Y

MSDS Number: CDZWG

=== Responsible Party ===

Company Name:3M CO - ENGINEERING SYSTEMS DIV.

Address:3M CENTER

City:SAINT PAUL

S

tate:MN

ZIP:55144-1000

Country:US

Info Phone Num:612-733-1110

Emergency Phone Num:612-733-1110

CAGE:1BY21

=== 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:MINNESOTA MINING AND MFG CO ENGINEERING DOCUMENT SYSTEMS
DIV

Address:3M CTR

Box:City:SAINT PAUL

State:MN

ZIP:55144-1000

Country:US

Phone:612-737-4114

CAGE:1BY21

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Composition/Information on Ingredients =====

Ingred Name:PROPYLENE GLYCOL GLYCEROL TRIETHER
CAS:25791-96-2
RTECS #:MD0915000
Fraction by Wt: 55 - 65%
Other REC Limits:NONE RECOMMENDED

Ingred Name:N,N BIS-(2-HYDROXYPROPYL)-ANILINE
CAS:3077-13-2
Fraction by Wt: 10 - 20%
Other REC Limits:NONE RECOMMENDED

Ingred Name:DITRIDECYL PHTHALATE
CAS:119-06-2
RTECS #:TI1950000
Fraction by Wt: 10 - 20%
Other REC Limits:NONE RECOMMENDED

Ingred Name:DIPROPYLENE GLYCOL
CAS:110-98-5
RTECS #:UB87850
00
Fraction by Wt: 5 - 10%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS NOT KNOWN.
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN,
GASTROINTESTINAL TRACT. ACUTE- EYE CONTACT MAY CAUSE MILD
IRRITATION. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE MILD
IRRITATION AND ALLERGIC
REACTION. LOW HAZARD BY INHALATION.
INGESTION OF LARGE AMOUNTS IS UNLIKELY TO CAUSE SERIOUS ILLNESS OR
DEATH. CHRONIC- UNKNOWN.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:MILD IRRITATION, REDNESS, SWELLING, PAIN,
TEARING, ITCHING, COUGHING, NAUSEA, VOMITING

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH
AIR. EYES:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELI

DS

OPEN. CALL PHYSICIAN. SKIN:WASH WITH PLENTY OF SOAP & WATER.
ORAL:DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINKTWO GLASSES OF
WATER. SEEK IMMEDIATE MEDICAL ATTENTION. IF VOMITING OCCURS, KEEP
HEAD BELOW HIPS. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS
PERSON.

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

Flash Point:>270F,>132C

Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING, INCLUDI
NG

HELMET AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH
FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:TOXIC GASES CAN BE FORMED.

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

Spill Release Procedures:WEAR AN ORGANIC VAPOR MASK. COVER SPILL WITH
NEUTRALIZER OR WATER. WAIT FOR 10 MINUTES (LONGER FOR WATER TO
REACT). COVER WITH INERT ABSORBENT. COLLECT AND PLACE IN DRUM FOR
DISPOSAL. WAIT FOR 24 HOUR S BEFOR
E SEALING DRUM.

Neutralizing Agent:8% CONCENTRATED AMMONIA + 2% LIQUID DETERGENT + 90%
WATER

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

Handling and Storage Precautions:STORE AT ROOM TEMPERATURE.

Other Precautions:WASH HANDS BEFORE EATING AND AFTER HANDLING. KEEP OUT
OF REACH OF SMALL CHILDREN.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF NEEDED, WEAR
NIOSH-APPROVED HALF-MASK SUPPLIE
D AIR RESPIRATOR.

Ventilation:ADEQUATE

Protective Gloves:RUBBER RECOMMENDED

Eye Protection:CHEMICAL GOGGLES RECOMMENDED

Other Protective Equipment:EYE WASH FOUNTAIN, WASHING FACILITY

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES.

Supplemental Safety and Health

KEY1:N1. THIS PRODUCT IS A KIT CONSISTING OF TWO PARTS. PART A, HAS PNI
A; PART B HAS PNI B, SAME NSN.

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

HCC:N1

NRC

/State Lic Num:NOT RELEVANT
Spec Gravity:1.00
Viscosity:6 P
Evaporation Rate & Reference:NOT RELEVANT
Solubility in Water:REACTS
Appearance and Odor:AMBER LIQUID
Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES
Stability Condition to Avoid:EXCESSIVE HEAT
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
OXIDES OF NITROGEN, HYDROGEN CYANIDE, ISOCYANATES, TOXIC VAPORS,
GASES OR
PARTICULATES

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

Waste Disposal Methods:LANDFILL OR INCINERATE IN ACCORDANCE WITH LOCAL,
STATE AND FEDERAL REGULATIONS.

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