

MINNESOTA MINING AND MFG CO -- SCOTCHCAST BRAND 4 ELECTRICAL INSULATING RESIN,  
PART A -- 5970-00-682-8999

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

Product ID:SCOTCHCAST BRAND 4 ELECTRICAL INSULATING RESIN, PART A

MSDS Date:07/20/1995

FSC:5970

NIIN:00-682-8999

Kit Part:Y

MSDS Number: BVHDV

=== Responsible Party ===

Company Name:MINNESOTA MINING AND MFG CO

Address:3M CTR 224-2S-25

City:ST. PAUL

State:MN

Z

IP:55144-1000

Country:US

Info Phone Num:612-733-1341/612-733-1110

Emergency Phone Num:612-733-1341

CAGE:76381

=== 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:QUALITY ELECTRIC SUPPLY CO

Address:4425 SOUTHLAKE BLVD.

Box:3680

City:RICHMOND

State:VA

ZIP:23235

Country:US

Phone:804-794-0842

CAGE:4W935

===== Compo

sition/Information on Ingredients =====

Ingred Name:BISPHENOL A-EPICHLOROHYDRIN COPOLYMER

CAS:25068-38-6

RTECS #:SL6475000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO

Health Hazards Acute and Chronic:EYE:MODERATE IRRIT. SKIN:ALLERGIC SKIN  
RX.

MODERATE IRRIT AFT PROL/REP CONTACT.MAYBE ABSORBED THRU SKIN &  
PRODUCE EFFECTS SIMILIAR TO INHAL/INGEST.INHAL:ALLERGIC RESP  
RX,IRRIT UPPER RESP TRACT.INGEST:I RRRIT OG GASTROINTESTINAL  
TISSUES.

Explanation of Carcinogenicity:PER MSDS:MINERAL OIL PETRO EXTRACTS-IARC  
HUMAN CARC 1 FOR UNTREATED & MILDLY TREATED & NOT CLASS AS TO CARC  
TO HUMANS 3.

Effects of Overexposure:EYE:REDNESS,SWELLING,PAIN,TEARING,HAZY  
VISION.SKIN:REDNESS,SWELLING,BLISTERING,ITCHING,DRYNESS.INHAL:DIFFI  
CULTY BREATHING,WHEEZING,TIGHTNESS OF CHEST,RESP FAILURE,SORENESS  
OF NOSE,/THROAT,COUGHING,SNE EZING.INGEST:PAIN,VOMIT,ABDOMINAL  
TENDERNESS,NAU,BLOOD IN VOMITUS,BLOOD IN FECES.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE:IMMED FLUSH W/LG AMTS OF WATER.GET IMMED MED ATTN.

SKIN:FLUSH W/LG ATMS OF WATER.IRRIT PERSIST GET MED ATTN.

INHAL:SIGNS/SYMPTOMS OCCUR REMOVE TO FRES

H AIR.SIGNS/SYMPTOMS CONT

CALL PHYSICIAN. INGE ST:DO NOT INDUCE VOMIT.DRINK 2 GLASSES OF  
WATER.CALL PHYSICIAN.

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

Flash Point Method:CC

Flash Point:>230F,>110C

Autoignition Temp:Autoignition Temp Text:ND

Lower Limits:ND

Upper Limits:ND

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTH INCLUDE

HELMET,SELF-CONTAINED +PRESSURE/PRESSURE DEMAND BREATH  
APPARATUS

,BUNKER COAT,PANTS,BANDS AROUND  
ARMS,WAIST,LEGS,FACEMASK(SUP)

Unusual Fire/Explosion Hazard:NO UNUSUAL FIRE OR EXPLO HAZARDS ARE  
ANTICIPATED.

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

Spill Release Procedures:OBSERVE PRECAUT FROM OTHER SECS.COVER  
W/ABSORBENT MATL.COLLECT SPILLED MATL.PLACE IN APPROVED METAL  
CONTAINER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and St

orage Precautions:AVOID EYE/SKIN CONTACT.KEEP OUT OF  
REACH OF CHILDREN.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:AVOID PROLOINGED BREATHING OF VAPORS.

Ventilation:PROVIDE SUFFICIENT VENTI TO MAINTAIN EMISSINS BELOW  
RECOMMENDED EXPO LIMITS.

Protective Gloves:NONE SPECIFIED BY MANUFACTURER.

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS.

Other Protective Equipment:NONE SPECIFIED BY MANUFACTU  
RER.

Work Hygienic Practices:WASH HANDS AFT HDNLG & BEF EATING.

Supplemental Safety and Health

FIREFIGHTING:PROTECTIVE COVERING FOR EXPO AREA OF HEAD. HAZ DECOMPO  
PROD:ALKYLATED AMINES,CRESOLS.

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

HCC:N1

Boiling Pt:B.P. Text:NA

Melt/Freeze Pt:M.P/F.P Text:ND

Decomp Temp:Decomp Text:NA

Vapor Pres:NA

Vapor Density:NA

Spec Gravity:1.14

pH:NA

Viscosity:3500CPS

Evaporation Rate & Reference:NA

Solubility in Water:NIL

Appearanc

e and Odor: CLEAR AMBER LIQUID.

Percent Volatiles by Volume: 0

Corrosion Rate: NP

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

Stability Indicator/Materials to Avoid: YES

Hazardous Decomposition Products: ALDEHYDES, HYDROCARBONS, IRRIT

VAP/GAS, OXIDES OF NITROGEN, CARBON MONOXIDE, CARBON DIOXIDE. LAKYLATED  
PHENOLS, BENZENE, (SUPPL)

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

Waste Disposal Methods: CURE PROD ACCORDING TO PROD

INSTRUCTIONS. INCINERA

TE UNCURED WASTE IN INDUSTRIAL OR COMMERCIAL

INCINERATOR. DISPO OF COMPLETELY CURE (OR POLYMERIZED) MATL IN

SANITARY LANDFILL. SINCE REGS VARY CONSULT APPL ICABLE

REG/AUTHORITIES BEF DISPPO. EPA HAZ NO: NONE.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
discl

aims all liability for its use. Any person utilizing this

document should seek competent professional advice to verify and

assume responsibility for the suitability of this information to their

particular situation.