

MINNESOTA MINING & MFG CO ELECTRICAL PRODUCTS,(3M) -- SCOTCHCAST BRAND 4
ELECTRICAL INSULATING RESIN, PART A -- 5970-00-814-1788

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

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

MSDS Date:03/03/1999

FSC:5970

NIIN:00-814-1788

Status Code:A

Kit Part:Y

MSDS Number: CKXKM

=== Responsible Party ===

Company Name:MINNESOTA MINING & MFG CO ELECTRICAL PRO
DUCTS,(3M)

Address:3M AUSTIN CTR

Box:2963

City:AUSTIN

State:TX

ZIP:78769-2963

Country:US

Info Phone Num:512-984-5670

Emergency Phone Num:512-984-5670

Resp. Party Other MSDS Num.:10-2577-4

CAGE:75037

=== 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:MINNESOTA MINING AND MFG CO ELECTRICAL PRODUCTS DIV

Address:3M AUSTIN C

TR

Box:City:AUSTIN

State:TX

ZIP:78769-2963

Country:US

Phone:512-984-1800

CAGE:75037

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

Ingred Name:BISPHENOL A-EPICHLOROHYDRIN COPOLYMER

CAS:25068-38-6

RTECS #:SL6475000

= 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

Health Hazards Acute and Chronic:EYE: CH

CHEMICAL RELATED EYE BURNS(CHEM CORROSIVITY). SKIN: ALLERGIC SKIN REACTION. SKIN BURNS (CHEM CORROSIVITY). MAY BE ABSORBED THRU SKIN AND PRODUCE EFFECTS SIMILAR TO THOSE CAUSED BY INHALATION AND/ OR INGESTION. INHALATION: ALLERGIC RESPIRATORY REACTION. IRRITATION (UPPER RESPIRATORY). INGESTION: IRRITATION OF GASTROINTESTINAL TISSUES. BURNS OF ORAL TISSUES.

Explanation of Carcinogenicity:CONTAINS A CHEMICAL WHICH CAN CAUSE CANCER (CAS# 64742-1-6) (IARC HUMAN CACINOGEN

1 FOR UNTREATED AND

MILDLY TREATED AND IARC NOT CLASSIFIABLE AS TO CARCINOGENICITY TO HUMANS 3)-(NOTE FROM DLA-HMIS : THIS APPLYS ONLY TO PART B OF KIT).

Effects of Overexposure:EYE: CLOUDY APPEARANCE OF CORNEA, CHEMICAL BURNS, PAIN, TEARING, ULCERS, IMPAIRED VISION OR LOSS OF VISION. SKIN: REDNESS, SWELLING, BLISTERING, ITCHING. PAIN, ULCERATION, SLOUGHING, SCAR FORMATION. I NHALATION: DIFFICULTY BREATHING, WHEEZING, TIGHTNESS OF CHEST, RESPIRATORY FAILURE. SORENESS OF NOSE/THROAT, COUGHING, SNEEZING. INGESTION: PAIN, VOMITING, ABDOMINAL TENDERNESS, NAUSEA, BLOOD IN VOMIT US/FECES. BURNS OF ORAL TISSUES: PAIN, BURNS OF TONGUE AND INSIDE OF MOUTH, REDNESS AND TISSUE LOSS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTESS. GET IMMEDIATE MEDICAL ATTENTION. SKIN: IMMED

IATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES IN CHEMICAL SA FETY SHOWER WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. GET IMMEDIATE MEDICAL ATTENTION. INHALATION: IF SIGNS/SYMPTOMS OCCUR, REMOVE PERSON TO FRESH AIR. IF SIGNS/SYMPTOMS CONTINUE, CALL PHYSICIA N. INGESTION: DONOT INDUCE VOMITING. GIVE 2 GLASSES OF WATER. CALL PHYSICIAN IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON..

===== Fire Fighting Measures =
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Flash Point Method:CC

Flash Point:=110.C, 230.F

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 CLOTHING, INCLUDING HELMET, SELF-CONTAINED POSITIVE PRESSURE OR PRESSURE DEMAND BREATHING APPARATUS, BUNKER COAT, PANTS, BANDS AROUND ARMS/WAIST/LEGS, FACE MASK, AND PROTECTIVE CO VERING FOR EXPOSED AREAS OF HEAD.

Unusual Fire/Explosion

Hazard:NO UNUSUAL FIRE OR EXPLOSION HAZARDS ARE ANTICIPATED. CLASS IIIB COMBUSTIBLE LIQUID.

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

Spill Release Procedures:OBSERVE PRECAUTIONS FROM OTHER SECTIONS.
COVER WITH ABSORBENT MATERIAL. COLLECT SPILLED MATERIAL. PLACE IN APPROVED METAL CONTAINER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE AWAY FROM ACIDS. STORE AWAY FROM HEAT. KEEP OUT OF REACH OF CHILREN. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME; OTHER IGNITION SOURCES.
Other Precautions:WASH HANDS AFTER HANDLING AND BEFORE EATING.

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

Respiratory Protection:AVOID PROLONGED BREATHING OF VAPORS.
Ventilation:PROVIDE SUFFICIENT VENTILATION TO MAINTAIN EMISSIONS BELOW RECOMMENDED EXPOSURE LIMITS.
Protective Gloves:APPROPRIATE GLOVES
Eye Protection:VENTED GOGGLES, SAFETY GLASSES WITH SIDE SHIELDS
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:WASH CONTAMINATED CLOTHING BEFORE REUSE. WASH HANDS AFTTER HANDLING BEFORE EATING. AVOID EYE AND SKIN CONTACT.
Supplemental Safety and Health
SIGN/SYMPTOMS: BURNS OF TONGUE/INSIDE OF MOUTH, REDNESS, TISSUE LOSS.
DLA-HMIS NOTE: PART A OF TWO PART KIT. PART B IS HMIS SERIAL NUMBER CKXKN.

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

HCC:V5
Melt/F
reeze Pt:M.P/F.P Text:N/D
Spec Gravity:1.14
Viscosity:5000CPS
Solubility in Water:NIL
Appearance and Odor:CLEAR AMBER LIQUID.
Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES
Hazardous Decomposition Products:ALDEHYDES,HYDROCARBONS,IRRITANT VAPORS/GASES. OXIDES OF NITROGEN, CARBON MONOXIDE, CO2. OTHER SUBSTANCES THAT COULD BE GENERATED UPON HEATING ARE ALKYLATED PHENOLS, BENZENE, ALKYLATED AM

INES AND CRESOLS

===== Toxicological Information =====

Toxicological Information:NO DATA PROVIDED BY MANUFACTURER.

===== Ecological Information =====

Ecological:NO DATA AVAILABLE.

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

Waste Disposal Methods:CURE PRODUCT ACCORDING TO PRODUCT INSTRUCTIONS.
INCINERATE UNCURED WASTE IN INDUSTRIAL OR COMMERCIAL INCINERATOR.
DISPOSE OF COMPLETELY CURED(OR POLYMER
IZED) MATERIAL IN SANITARY
LANDFILL.

===== MSDS Transport Information =====

Transport Information:NO DATA PROVIDED BY MANUFACTURER.

===== Regulatory Information =====

SARA Title III Information:EPCRA HAZARD CLASS FIRE HAZARD: NO,
PRESSURE: NO, REACTIVITY: NO, ACUTE: YES, CHRONIC: YES.
Federal Regulatory Information:SINCE REGULATIONS VARY, CONSULT
APPLICABLEE REGULATIONS OR AUTHORITIES BEFORE DISPOSAL. U.S. EPA
H
AZARDOUS WASTE NUMBER: NONE (NOT US EPA HAZARDOUS). VOLATILE
ORGANIC COMPOUNDS: N/D. VOC LESS H2O & EXEMPT SOLVENTS: N/D.
NOTE: THIS MATERIAL CONTAINS ONE OR MORE SUBSTANCES NOT LISTED ON
THE TSCA INVENTORY AND IS MANUFACTURED FOR EXPORT ONLY. WITHIN
THE UNITED STATES, IT MAY ONLY BE USED FO R R& D PURPOSES. ALL
INGRDIENTS LISTED ON TSCA, AICS, AND DSL INVENTORIES.
State Regulatory Information:NO DATA PROVIDED BY MANUFACTURER.

===== Other Inform ation =====

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