

MINNESOTA MINING & MFG CO ELECTRICAL PRODUCTS,(3M) -- SCOTCHCAST BRAND 4  
ELECTRICAL INSULATING RESIN, PART A -- 5970-00-810-1513

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

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

MSDS Date:03/03/1999

FSC:5970

NIIN:00-810-1513

Status Code:A

Kit Part:Y

MSDS Number: CKXKF

=== Responsible Party ===

Company Name:MINNESOTA MINING & MFG CO ELECTRICAL PR  
ODUCTS,(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

CTR

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: C

HEMICAL 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 CACINOGE

N 1 FOR UNTREATED AND

MILDY 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: IMME

DIATELY 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 =====

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/Explosio

n 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 CHILDREN. 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 AFTER HANDLING BEFORE EATING. AVOID EYE AND SKIN CONTACT.

Supplemental Safety and Health

SIGN/SYMPTOMS: BURNS OF TONGUE/INSIDE OF MOUTH, REDNESS, TISSUE LOSS. PART A OF TWO PART KIT. PART B IS HMIS SERIAL NUMBER CKXKD.

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

HCC:V5

Melt/Freeze Pt:M.P/F.P T

ext: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 AMINES 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 POLYMERIZED) 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  
APPLICABLE REGULATIONS OR AUTHORITIES BEFORE DISPOSAL. U.S. EPA  
HAZARDOUS WASTE NUM

BER: 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 FOR R& D PURPOSES. ALL  
INGREDIENTS LISTED ON TSCA, AICS, AND DSL INVENTORIES.

State Regulatory Information:NO DATA PROVIDED BY MANUFACTURER.

===== Other Information =====

=====

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  
disclaims 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  
part

icular situation.