

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
PRODUCTS,(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 AUSTI

N 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:

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 CACINO GEN 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.

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

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

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===== 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/Explos

ion 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. DLA-HMIS NOTE: PART A OF TWO PART KIT. PART B IS HMIS SERIAL NUMBER CKXKN.

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

HCC:V5

Mel

t/Freeze 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

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

State Regulatory Information:NO DATA PROVIDED BY MANUFACTURER.

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

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particular situation.