

MINNESOTA MINING AND MFG CO -- SCOTCHCAST BRAND ELECTRICAL RESIN 9 (5240), PART A --  
5970-01-014-3480

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

Product ID:SCOTCHCAST BRAND ELECTRICAL RESIN 9 (5240), PART A

MSDS Date:10/23/1989

FSC:5970

NIIN:01-014-3480

Kit Part:Y

MSDS Number: BZPJQ

=== Responsible Party ===

Company Name:MINNESOTA MINING AND MFG CO

Address:3M CTR 224-2S-25

City:ST. PAUL

State:MN

ZIP: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:MINNESOTA MINING AND MFG CO ELECTRICAL HANDLING/PROTECTION

Address:3M AUSTIN CTR

Box:City:AUSTIN

State:TX

ZIP:78769-1263

Country:US

Phone:512-733-1341

CAGE:20999

Compan

y Name:SUMMIT ASSOCIATES  
Address:10910-H SOUTHLAKE COURT  
Box:City:RICHMOND  
State:VA  
ZIP:23236-3914  
Country:US  
Phone:804-794-1434  
CAGE:9X866

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

Ingred Name:BISPHENOL A-EPICHLOROHYDRIN COPOLYMER  
CAS:25068-38-6  
RTECS #:SL6475000  
Fraction by Wt: 62-66%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:TALC (NON-ASBESTIFORM)  
CAS:14807-96-6  
RTECS #:MW2700000  
Fraction by Wt: 15-20%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.2 FIBERS/CC  
ACGIH TLV:0.2 FIBER/CC,A1;9596

Ingred Name:MICA - SILICATES (< 1% CRYSTALLINE SILICA)  
CAS:12001-26-2  
RTECS #:VV8760000  
Fraction by Wt: 15-20%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:20 MPPCF; Z-3  
ACGIH TLV:3 MG/M3 RDUST; 9596

Ingred Name:CARBON BLACK  
CAS:1333-86-4  
RTECS #:FF5800000  
Fraction by Wt: 0.1-1.0%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:3.5 MG/M3  
ACGIH TLV:3.5 MG/M3; 9596

Ingred Name:IRON OXIDE  
CAS:1309-37-1  
RTECS #:NO7400000  
Fraction by Wt: 0.1-1.0%  
Other REC Limits:NONE RECOM

MENDED  
OSHA PEL:10 MG/M3 (FE)  
ACGIH TLV:5MG(FE)/M3FUME,B2;96

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:PART A:MAY BE EYE/SKIN IRRIT ON DIRECT CONTACT.MAY CAUSE SKIN SENS IN SOME SUSCEPTIBLE PEOPLE.PART B:CAUSES EYE IRRIT.MAY BE HARMFUL IF ABSORBED THRU SKIN.MAY CAUSE SKIN SENS IN SOME SUSCEPTIBLE PEOPLE.E.MIXTURE:EYE/SKIN IRRIT.SKIN SENS IN SOME SUSCEPTIBLE PEOPLE.INHAL:RESP SYS IRRIT.RESP SENS IN SOME SUSCEPTIBLE (SUPPL)  
Explanation of Carcinogenicity:PER MSDS:IARC STATES AVAILABLE DATA ON CARBON BLACKS INADEQUATE TO PERMIT EVALUATION OF CARCINO TO EXPERIMENTAL ANIMALS.  
Effects of Overexposure:RESP SYS/EYE/SKIN DIGESTIVE SYSTEM IRRITATION. TISSUE OR DIGESTIVE SYS DMG. SKIN SENSITIZATION IN SOME SUSCEPTIBLE INDIVIDUALS. HARMFUL IF ABSORBED THRU SKIN.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE:IMMED FLUSH W/LG AMTS OF WATER.CONTINUE FOR @LEAST 10MINS.CALL PHYSICIAN. SKIN:WASH AFFECTED AREA THOROUGHLY W/ SOAP/WATER. INHAL:PROVIDE FRESH AIR.IF COUGHING/WHEEZING/SHORTNESS OF BREATH DEVELOP CALL PHYSICIAN. SWALLOWED:GIVE ONE TO TWO GLASS OF WATER. CALL PHYSICIAN.

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

Flash Point Method:SCC  
Flash Point:>350F,>177C  
Autoignition Temp:Autoignition Temp Text:ND  
Lower Limits:ND  
Upper Limits:ND  
Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL.  
Fire Fighting Procedures:FIREFIGHTERS SHOULD BE EQUIPPED W/SELF-CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:PART A OR PART B:OBSERVE PRECAUTIONARY INFO FROM OTHER SEC

TIONS.USE ABSORBENT MATL AS NEEDED & SWEEP UP.MIXTURE  
OF PART A/PART B:OBSERVE PRECAUTIONARY INFO FORM OTHER  
SECTIONS.CLEAN UP SPILL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID EYE/SKIN CONTACT.WHEN HNDLG PROD  
WEAR SAF GOGG/PROT CLOTH/IMPERV GLOVES.USE IN WELL VENTILATED  
AREA.AVOID BREATH VAP.

Other Precautions:DO NOT BREATH VAP OF HEATED MIXTURES.USE EXHAUST  
V  
ENTI FOR MIX/POUR/CURE PROCESSES.COOL DOWN AREA SHOULD BE  
VENTILATED TO PREVENT VAP FROM ENTERING WORKAREA.EXPOSURE TO CARBON  
BLACK IS NOT EXPECTED IN USE/ HNDLG OF PRODUCT.

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

Respiratory Protection:WHERE VENTILATION IS INSUFFICIENT USE NIOSH  
APPROVED RESP W/ORG VAP CARTRIDGES.

Ventilation:USE EXHAUST VENTILATION FOR MIXING,POURING,CURING  
PROCESSES.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:SAFETY GOGG  
LES.

Other Protective Equipment:PROTECTIVE CLOTHING.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

KEY1;V5.HEALTH HAZ:PEOPLE.INGEST:MAY IRRIT DIGESTIVE SYS.MAY CAUSE  
TISSUE OR DIGESTIVE SYS DMG. 2-PART KIT,PNIND:B FOR PART B. NOTE:1  
MSDS SUBMITTED FOR PART A/B FRM MFG.

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

HCC:B2

Boiling Pt:B.P. Text:NA

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

Decomp Temp:Decomp Text:NP

Vapor Pres:NA

Vapor D

ensity:NA  
Spec Gravity:1.45  
pH:NA  
Viscosity:900P  
Evaporation Rate & Reference:NA  
Solubility in Water:NIL  
Appearance and Odor:RED VISCOUS LIQUID.  
Percent Volatiles by Volume:0  
Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES  
NONE  
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.  
Hazardous Decomposition Products:MAY INCLUDE CARBON MONOXIDE, CARBON  
DIOXIDE & OXIDES OF NITROGEN.

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

Waste Disposal Methods:PART A OR PART B:DISPO BY INCINERATION OR SEND  
FULLY ADSORBED MATL FOR LANDFILL IAW LOC/STATE REGS.MIXTURE OF PART  
A/PART B:FULLY CURED MATL MAY BE LANDFILLED IAW LOC/STATE REGS.

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