

MINNESOTA MINING & MFG CO ELECTRICAL PRODUCTS DIV -- SCOTCHCAST BRAND ELECTRICAL RESIN 9 5240,PA -- 5970-01-014-3480

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

Product ID:SCOTCHCAST BRAND ELECTRICAL RESIN 9 5240,PA

MSDS Date:06/01/1989

FSC:5970

NIIN:01-014-3480

Kit Part:Y

MSDS Number: BLJLR

=== Responsible Party ===

Company Name:MINNESOTA MINING & MFG CO ELECTRICAL PRODUCTS DIV

Address:3M AUSTIN CTR

Box:

2963

City:AUSTIN

State:TX

ZIP:78769-2963

Country:US

Emergency Phone Num:612-733-1110

CAGE:75037

=== Contractor Identification ===

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:EPOXY RESIN (PART A CONTAINS INGREDIENTS 1 THROUGH 5)

CAS:25068-38-6

RTECS #:KC2100000

Fraction by Wt: 62 - 66%

Other R

EC Limits:NONE SPECIFIED

Ingred Name:TALC (CONTAINING ASBESTOS)

CAS:14807-96-6

RTECS #:MW2700000

Fraction by Wt: 15 - 20%

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.2 FIBERS/CC

ACGIH TLV:0.2 FIBERS/CC; 9192

Ingred Name:MICA - SILICATES (< 1% CRYSTALLINE SILICA)

CAS:12001-26-2

RTECS #:VV8760000

Fraction by Wt: 15 - 20%

Other REC Limits:NONE SPECIFIED

OSHA PEL:20 MPPCF

ACGIH TLV:3 MG/M3 RDUST; 9293

Ingred Name:CARBON BLACK

CAS:1333-86-4

RTECS #:FF5800000

Fraction by Wt: 0.1-1.0%

Other REC Limit

s:NONE SPECIFIED

OSHA PEL:3.5 MG/M3

ACGIH TLV:3.5 MG/M3; 9192

Ingred Name:IRON OXIDE

CAS:1309-37-1

RTECS #:NO7400000

Fraction by Wt: 0.1 - 1%

Other REC Limits:NONE SPECIFIED

OSHA PEL:10 MG/M3 (FE)

ACGIH TLV:5 MG/M3(FE),B2; 9293

Ingred Name:POLYMERIZED FATTY ACID AMIDE (PART B CONTAINS INGREDIENTS 6 THROUGH 11).

CAS:68650-54-4

Fraction by Wt: 50 - 55%

Other REC Limits:NONE SPECIFIED

Ingred Name:TALC (CONTAINING ASBESTOS)

CAS:14807-96-6

RTECS #:MW2700000

Fraction by Wt: 15 - 20%

Other REC L

imits:NONE SPECIFIED
OSHA PEL:0.2 FIBERS/CC
ACGIH TLV:0.2 FIBERS/CC; 9192

Ingred Name:MICA - SILICATES (< 1% CRYSTALLINE SILICA)
CAS:12001-26-2
RTECS #:VV8760000
Fraction by Wt: 15 - 20%
Other REC Limits:NONE SPECIFIED
OSHA PEL:20 MPPCF
ACGIH TLV:3 MG/M3 RDUST; 9293

Ingred Name:POLYSTYRENE RESIN,OR SEE INGREDIENT #2
CAS:9003-53-6
Fraction by Wt: 10 - 15%
Other REC Limits:NONE SPECIFIED

Ingred Name:NONYLPHENOL
CAS:25154-52-3
RTECS #:SM5600000
Fraction by Wt: 1.0-5.0%
Other REC Limits:NONE SPECIFIED

Ingred Name:DIETHYLENE TRIAMINE
CAS:111-40-0
RTECS #:IE1225000
Fraction by Wt: 1.0-5.0%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1 PPM
ACGIH TLV:S, 1 PPM; 9192

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE-PART
A/B/MIXTURE.EYE:IRRITATING.SKIN:IRRITATION & IN SUSCEPTIBLE
INDIVIDUALS MAY CAUSE SENSITIZATION.INHAL
ATION:IRRITATION OF
RESPIRATORY SYSTEM.MAY CAUSE SENSITIZATION IN SOME SUSCEPTIBLE
INDIVIDUALS.INGESTION:MAY IRRITATE DIGESTIVESYSTEM.MAY DAMAGE
TISSUE OR DIGESTIVE SYSTEM.CHRONIC-UNKNOWN.
Explanation of Carcinogenicity:THE AVAILABLE DATA PROVIDE INADEQUATE
EVIDENCE TO EVALUATE THE CARCINOGENICITY TO HUMANS OF CARBON
BLACKS.
Effects of Overexposure:PART A/B/MIXTURE.EYES, SKIN, RESPIRATORY TRACT
AND DIGESTIVE SYSTEM IRRITATION.
Medical Cond Aggravated by Exposure:PRE-EXIS

TING SKIN DISORDERS MAY BE
SUSCEPTIBLE TO THIS PRODUCT.

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First Aid Measures
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First Aid:PART A/B/MIXTURE.EYES:FLUSH WITH WATER FOR AT LEAST 10
MINUTES.CALL A PHYSICIAN.SKIN:WASH THOROUGHLY WITH SOAP &
WATER.INHALATION:REMOVE TO FRESH AIR.IF COUGHING,WHEEZING OR
SHORTNESS OF BREATH DEVELO P,CALL A PHYSICIAN.INGESTION:IF
CONSCIOUS,DRINK ONE TO TWO GLASSES OF WATER.CALL A PHYSICIAN.

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Fire Fighting Measures
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Flash Point Method:CC
Flash Point:>350F,>177C
Extinguishing Media:CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. WATER MAY BE
INEFFECTIVE. BUT IT CAN BE USED TO COOL CONTAINERS EXPOSED TO FIRE.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED
SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:NONE

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Accidental Release Measures
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Spill Release Procedures:PART A/PART B OR MIXTURE:OBSERVE PRECAUTIONARY
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NFORMATION. USE ABSORBENT MATERIAL AS NEEDED. AND SWEEP UP. CLEAN
UP SPILL.

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Handling and Storage
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Handling and Storage Precautions:STORAGE-STORE AWAY PART A/PART
B/MIXTURE FROM HEAT AND OPEN FLAME.
Other Precautions:AVOID EYE AND SKIN CONTACT. DO NOT BREATHE VAPORS OR
HEATED MIXTURE. COOL DOWN AREA SHOULD BE VENTILATED TO PREVENT
VAPORS FROM ENTERING THE WORK AREA.

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Exposure Controls/Personal Protection
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Respiratory Protection:WHERE VENTILATION IS INSUFFICIENT, USE A NIOSH
APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGES.
Ventilation:LOCAL EXHAUST
Protective Gloves:NEOPRENE RUBBER
Eye Protection:GOGGLES OR SIDE-SHIELD SPECTACLES
Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER. WEAR
INDUSTRIAL TYPE WORK CLOTHING AND RUBBER APRON AS REQUIRED.
Work Hygienic Practices:CHANGE CONTAMINATED CLOTHING AS SOON AS
POSSIBLE. WASH HANDS BEFORE EATING.
Supplemental Safety and Health

THE PRODUCT IS A MIXTURE OF PART A (INGREDIENTS 1 THROUGH 5) AND B (INGREDIENTS 6 THROUGH 11). FORMULATION CHANGED. FOR PREVIOUS FORMULATION, SEE P/N A AND B SAME NSN.

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

HCC:N1
Solubility in Water:NIL
Appearance and Odor:RED TO BROWN VISCOUS LIQUID
Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES
NONE
Stability Condition to Avoid:HIGH TEMPERATURES AND OPEN FLAMES
Hazardous Decomposition Products:NORMAL PRODUCTS OF INCOMPLETE COMBUSTION.CARBON MONOXIDE, CARBON DIOXIDE AND POSSIBLY OXIDES OF NITROGEN.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS CONCERNING HEALTH AND POLLUTION.

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