

MINNESOTA MINING & MFG CO ADHESIVES & SEALERS DIV. -- SCOTCHCAST BRAND 4
ELECTRICAL INSULATING RESIN (SEE SUPPL) -- 5970-00-810-1513

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Product Identification
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Product ID:SCOTCHCAST BRAND 4 ELECTRICAL INSULATING RESIN (SEE SUPPL)

MSDS Date:11/20/1992

FSC:5970

NIIN:00-810-1513

Kit Part:Y

MSDS Number: BSRBN

=== Responsible Party ===

Company Name:MINNESOTA MINING & MFG CO ADHESIVES & SEALERS
DIV.

Address:3M CENTER

City:ST. PAUL

State:MN

ZIP:55144-1000

Country:US

Info Phone Num:612-733-5454

Emergency Phone Num:612-733-5454

CAGE:76381

=== Contractor Identification ===

Company Name:3M MINNESOTA MINING AND MFG CO ADHESIVES SEALERS DIV

Address:3M CTR

Box:City:SAINT PAUL

State:MN

ZIP:55144-1000

Country:US

Phone:800-364-3577/651-737-6501(24 HOURS)

CAGE:04963

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

Count

ry:US

Phone:866-556 5712 / 612-733-1110

CAGE:76381

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Composition/Information on Ingredients
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Ingred Name:NONYLPHENOL

CAS:25154-52-3

RTECS #:SM5600000

Fraction by Wt: 35-45%

Other REC Limits:NONE RECOMMENDED

Ingred Name:EPOXY RESIN

CAS:70776-37-3

Fraction by Wt: 25-35%

Other REC Limits:NONE RECOMMENDED

Ingred Name:EXTRACTS, HEAVY NAPHTHENIC DISTILLATE SOLVENT

CAS:64742-11-6

RTECS #:PY8042000

Fraction by Wt: 13-16%

CGIH TLV:300 PPM

Ingred Name:N-AMINOETHYLPIPERAZINE
CAS:140-31-8
RTECS #:TK8050000
Fraction by Wt: 10-13%
Other REC Limits:NONE RECOMMENDED

Ingred Name:AROMATIC HYDROCARBONS, C12-20
CAS:70955-17-8
Fraction by Wt: 3-5%
Other REC Limits:NONE RECOMMENDED

Ingred Name:2,4,6-TRIS(DIMETHYLAMINO METHYL) PHENOL
CAS:90-72-2
RTECS #:SN3500000
Fraction by Wt: 2-5%
Other REC Limits:NONE RECOMMENDED

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; 9394

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Reports of Carcinogenicity:NTP:UNKNOWN IARC:YES OSHA:NO
Health Hazards Acute and Chronic:EYE CONTACT: CAN INCLUDE IRRITATION,
REDNESS, SWELLING, PAIN, TEARING AND HAZY VISION. SKIN CONTACT: CAN
INCLUDE REDNESS, SWELLING, BLISTERING AND ITCHING. INHALATION: CAN
INCLUDE SORENESS OF THE NOSE AND THROAT, COUGH
ING AND SNEEZING.
INGESTION: CAN INCLUDE PAIN, VOMITING, ABDOMINAL TENDERNESS,
NAUSEA.
Explanation of Carcinogenicity:MSDS STATE THAT CARBON BLACK (BENZENE
SOLVENT EXTRACTS) IS A POTENTIAL CANCER HAZARD TO STOMACH AND SKIN
(IARC)
Effects of Overexposure:EYE IRRITATION; MODERATE SKIN IRRITATION;
DIFFICULTY BREATHING; WHEEZING; TIGHTNESS OF CHEST; RESPIRATORY
FAILURE; KIDNEY EFFECTS WHICH MAY INCLUDE REDUCED URINE VOLUME,
BLOOD IN URINE; NREVOUS SYSTEM EFFECTS MAY INCL

UDE EMOTIONAL

CHANGES,LACK OF CORRDIATION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE CONTACT: FLUSH EYES WITH LARGE AMOUNTS OF WATER. GET IMMEDIATE MEDICAL ATTENTION. SKIN: FLUSH SKIN WITH LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INHALATION: IF SIGNS/ SYMPTOMS OCCUR, REMOVE PERSON TO FRESH AIR. IF SIGNS/SYMPTOMS CONTINUE, CALL A PHYSICIAN. AN. INGESTION: DO NOT INDUCE VOMITING. DRINK TWO GLASSES OF WATER. CALL A PHYSICIAN.

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

Flash Point Method:CC

Flash Point:>230F/110C

Lower Limits:N/D

Upper Limits:N/D

Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL.

Fire Fighting Procedures:FIREFIGHTERS SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS, FULL PROTECTIVE CLOTHING AND PROTECTIVE COVERING FOR EXPOSED AREAS OF THE HEAD.

Unusual Fire/Explo

sion Hazard:NO UNUSUAL FIRE OR EXPLOSION HAZARDS ARE ANTICIPATED.

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

Spill Release Procedures:COVER WITH ABSORBENT MATERIAL. COLLECT SPILLED MATERIAL. PLACE IN AN APPROVED METAL CONTAINER AND SEAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP OUT OF REACH OF CHILDREN.

Other Precautions:WHILE THE FOLLOWING EFFECTS ARE ASSOCIATED WITH ONE

OR MORE OF THE INDIVIDUAL INGREDIENTS IN THIS PRODUCT, THEY ARE NOT EXPECTED EFFECTS DURING FORESEEABLE USE OF THIS PRODUCT.

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

Respiratory Protection:AVOID PROLONGED BREATHING OF VAPORS.

Ventilation:PROVIDE SUFFICIENT VENTILATION TO MAINTAIN EMISSION BELOW RECOMMENDED EXPOSURE LIMITS.

Protective Gloves:AVOID SKIN CONTACT

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS

Other Protective Equi

ment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING

Supplemental Safety and Health

THIS ITEM IS PART B OF A TWO PART KIT. SEE THIS NSN AND CAGE FOR

ADDITIONAL INFORMATION FOR PART B OF THE KIT. KEY 1: HCC N1.

ABBREVIATIONS USED BY THE MANUFACTURER IN THIS MSDS: N/D-NOT DETERMINED; N /A-NOT APPLICABLE.

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

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:N/D

Spec Gravity:0.98

Sol

ubility in Water:NEGLIGIBLE

Appearance and Odor:BLACK LIQUID, AMINE ODOR

Percent Volatiles by Volume:N/D

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

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:OXIDES OF NITROGEN, CARBON MONOXIDE AND CARBON DIOXIDE

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

Waste Disposal Methods:CURE

PRODUCT ACCORDING TO PRODUCT INSTRUCTIONS.

INCINERATE UNCURED WASTE IN AN INDUSTRIAL OR COMMERCIAL

INCINERATOR. DISPOSE OF COMPLETELY CURED (OR POLYMERIZED) MATERIAL IN A SANITARY LANDFILL.

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