

SCOTCHCAST BRAND 4 ELECTRICAL INSULATING RESIN

MSDS Number

BFDHR

National Stock Number

5970-00-537-7401

Product Name

SCOTCHCAST BRAND 4 ELECTRICAL INSULATING RESIN

Manufacturer

MINNESOTA MINING AND MFG CO ELECTRICAL PRODUCTS (3M)

Product Identification

Product ID: SCOTCHCAST BRAND 4 ELECTRICAL INSULATING RESIN

MSDS Date: 08/19/1992

FSC: 5970

NIIN: 00-537-7401

MSDS Number: BFDHR

Responsible Party

MINNESOTA MINING & MFG CO ELECTRICAL PRODUCTS, (3M)

3M AUSTIN CTR

AUSTIN, TX 78769-2963

US

Emergency Phone: 612-733-1110

Info Phone: 612-733-1110

Cage: 75037

Contractor

MINNESOTA MINING AND MFG CO ELECTRICAL PRODUCTS DIV

AUSTIN, TX 78769-2963

US

512-984-1800

Cage: 75037

Ingredients

NONYLPHENOL

CAS: 25154-52-3

RTECS: SM5600000

Fraction By Weight: 35-45%

EPOXY RESIN

CAS: 70776-37-3

Fraction By Weight: 25-35%

EXTRACTS, HEAVY NAPHTHENIC DISTILLATE SOLVENT

CAS: 64742-11-6

RTECS: PY8042000

Fraction By Weight: 13-16%

OSHA PEL300 PPM
ACGIH TLV: 300 PPM

N-AMINOETHYLPIPERAZINE
CAS: 140-31-8
RTECS: TK8050000
Fraction By Weight: 10-13%

AROMATIC HYDROCARBONS
CAS: 70955-17-8
Fraction By Weight: 3-5%

2,4,6-TRIS(DIMETHYLAMINO METHYL) PHENOL
CAS: 90-72-2
RTECS: SN3500000
Fraction By Weight: 2-5%

CARBON BLACK
CAS: 1333-86-4
RTECS: FF5800000
Fraction By Weight: 0.1-1.0%
OSHA PEL3.5 MG/M3
ACGIH TLV: 3.5 MG/M3; 9394

Hazards

LD50 LC50 Mixture:ORAL ALBINO RAT-LD50 >5000 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: MAY IRRITATE SKIN, EYES, AND
RESPIRATORY SYSTEM. MAY CAUSE MILD GASTROINTESTINAL IRRITATION IF
INGESTED. CHRONIC: MAY CAUSE SKIN SENSITIZATION.
Explanation of Carcinogenicity:NO INGREDIENT IN A CONCENTRATION GREATER
THAN 0.1% IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.
Effects of Overexposure:INHALATION: COUGHING, WHEEZING, SHORTNESS OF
BREATH. EYES: REDNESS, TEARING, ITCHING. SKIN: REDNESS, RASH.
INGESTION: NAUSEA, VOMITING, DIARRHEA.
Medical Cond Aggravated by Exposure:ANY PREEXISTING SENSITIVITY OR
ALLERGY.

First Aid

First Aid:EYE:FLUSH EYE 15 MIN WITH PLENTY OF WATER. SKIN: WASH SOAP &
WATER. INHALED: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION OR
OXYGEN AS REQUIRED. INGESTED: IF CONSCIOUS GIVE TWO GLASSES WATER,
INDUCE VOMITING. CALL PHYSICIAN IMMEDIATELYALL CASES IF SYMPTOMS
PERSISTS.

Fire Fighting

Flash Point Method:TCC
Flash Point:230F,110C
Extinguishing Media:CARBON DIOXIDE,FOAM,DRY CHEMICALS
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE GEAR.
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

Accidental Release

Spill Release Procedures:COLLECT SPILL WITH INERT ABSORBENT, PLACE IN CLOSABLE CONTAINER FOR LATER DISPOSAL.

Neutralizing Agent:NONE

Handling

Handling and Storage Precautions:USE ONLY IN WELL VENTILATED AREAS.

STORE IN A COOL, DRY PLACE.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

Exposure Controls

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER. NONE NORMALLY REQUIRED. IF REGULATORY LIMITS EXCEEDED; USE NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTIDGE.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION.

Protective Gloves:NONE NORMALLY REQUIRED.

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

PART B OF TWO-PART A/B KIT. UPDATE PER 3M MSDS DOC #10-2577-4 DATED 23 NOV 1991. INGREDIENTS 3 & 4 NOT LISTED ON NEW MFGR MSDS; KEPT FOR HISTORICAL PURPOSES. INGREDIENTS 7-9 ARE "NEW INGREDIENTS" LIST ED ON NEW MSDS.

Chemical Properties

HCC:N1

Spec Gravity:0.98

Viscosity:3500 CPS

Solubility in Water:SLIGHT

Appearance and Odor:BLACK LIQUID, AMINE ODOR

Percent Volatiles by Volume:0

Stability

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CARBON, NITROGEN OXIDES

Disposal

Waste Disposal Methods:INCINERATE OR BURY IN SECURE LANDFILL IN ACCORDANCE WITH LOCAL,STATE & FEDERAL REGULATIONS.PART B IS NOT A HAZARDOUS WASTE AS DESIGNATED BY UNITED STATES EPA RCRA STANDARDS,(40 CFR 261).

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