

## **SCOTCHCAST BRAND ELECTRICAL INSULATING RESIN 2100**

### **MSDS Number**

BSCYG

### **National Stock Number**

5970-01-004-3377

### **Product Name**

SCOTCHCAST BRAND ELECTRICAL INSULATING RESIN 2100

### **Manufacturer**

MINNESOTA MINING AND MFG CO 3M GENERAL OFFICES

### **Product Identification**

Product ID: SCOTCHCAST BRAND ELECTRICAL INSULATING RESIN 2100

MSDS Date: 11/10/1992

FSC: 5970

NIIN: 01-004-3377

Kit Part: Y

MSDS Number: BSCYG

### **Responsible Party**

MINNESOTA MINING AND MFG CO, 3M GENERAL OFFICES

3M CENTER

ST. PAUL, MN 55144-1000

US

Emergency Phone: 612-733-1110, 612-733-6100

Info Phone: 612-733-1110

Cage: 76381

### **Contractor**

MINNESOTA MINING AND MFG CO, DBA 3M

SAINT PAUL, MN 55144-1000

US

866-556 5712 / 612-733-1110

Cage: 76381

### **Ingredients**

PART A, DIPHENYL METHANE DIISOCYANATE, [METHYLENE BISPHENYL

CAS: 101-68-8

RTECS: NQ9350000

Fraction By Weight: 35-45%

OSHA PELC, 0.02 PPM

ACGIH TLV: 0.005 PPM; 9293

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

PART A, DIUNDECYL PHTHALATE

CAS: 3648-20-2

RTECS: TI1980000

Fraction By Weight: 35-40%

PART A, POLYBUTADIENE,

CAS: 69102-90-5

Fraction By Weight: 15-20%

PART A, POLYPROPYLENE GLYCOL

CAS: 25322-69-4

RTECS: TR5250000

Fraction By Weight: 5-10%

PART B, POLYBUTADIENE

CAS: 69102-90-5

Fraction By Weight: 35-40%

PART B, N,N-DI(2-HYDROXYPROPYL) ANILINE

CAS: 3077-13-2

Fraction By Weight: 10-15%

PART B, DIPROPYLENE GLYCOL

CAS: 110-98-5

RTECS: UB8785000

Fraction By Weight: 5-10%

PART B, ZEOLITES

CAS: 1318-02-1

Fraction By Weight: 1-5%

PART B, CASTOR OIL

CAS: 8001-79-4

Fraction By Weight: 1-5%

## Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES: MILD IRRITATION. SKIN: ALLERGIC SKIN REACTION, MILD IRRITATION. INHALATION: UPPER RESPIRATORY TRACT IRRITATION, ALLERGIC RESPIRATORY REACTION, RESPIRATORY FAILURE.

INGESTION: NOT A LIKELY ROUTE OF EXPOSURE TO THIS PRODUCT.

Effects of Overexposure:EYES: IRRITATION, REDNESS, SWELLING, PAIN, TEARING. SKIN: IRRITATION, REDNESS, SWELLING, BLISTERING, ITCHING. INHALATION: UPPER RESPIRATORY TRACT IRRITATION, SORENESS OF NOSE AND THROAT, COUGHING, SNEEZING, DIFFICULTY BREATHING, WHEEZING, TIGHTNESS OF CHEST, RESPIRATORY FAILURE. INGESTION: NOT LIKELY ROUTE OF EXPOSURE.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. FLUSH AREA WITH LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING, GIVE CPR. GET MEDICAL ATTENTION. IF BREATHING DIFFICULT, GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. DRINK TWO GLASSES OF WATER.GET MEDICAL ATTENTION.

## Fire Fighting

Flash Point Method:CC  
Flash Point:BOTH >320F,>160C  
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 AND PANTS, FACE MASK.  
Unusual Fire/Explosion Hazard:HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF NITROGEN, HYDROGEN CYANIDE, ISOCYANATES, TOXIC VAPORS, GASES OR PARTICULATES.

## Accidental Release

Spill Release Procedures:POUR ISOCYANATE DECONTAMINANT SOLUTION ON SPILL. ALLOW TO REACT 10 MINUTES. ALTERNATIVELY, POUR WATER ON SPILL, ALLOW TO REACT FOR MORE THAN 30 MINUTES. COVER WITH ABSORBENT. PLACE IN APPROVED, NOT SEALED, DRUM FOR 48 HOURS TO AVOID PRESSURE BUILDUP.  
Neutralizing Agent:ISOCYANATE DECONTAMINANT SOLUTION: 90% WATER, 8% CONC. AMMONIA, 2% DETERGENT.

## Handling

Handling and Storage Precautions:STORE CONTAINER IN WELL-VENTILATED AREA. KEEP CONTAINER TIGHTLY CLOSED. DO NOT HEAT UNDER CONFINEMENT.  
Other Precautions:KEEP OUT OF REACH OF CHILDREN.

## Exposure Controls

Respiratory Protection:AVOID INHALATION OF VAPORS. IF EXHAUST VENTILATION IS NOT ADEQUATE TO MAINTAIN EXPOSURE BELOW LIMITS, USE NIOSH APPROVED RESPIRATOR FOR ORGANIC VAPORS BASED ON AIRBORNE CONCENTRATION OF CONTAMINANTS AND IN ACCORDANCE WITH OSHA REGULATIONS.  
Ventilation:PROVIDE ADEQUATE VENTILATION TO MAINTAIN EMISSIONS BELOW RECOMMENDED EXPOSURE LIMITS.  
Protective Gloves:WEAR APPROPRIATE GLOVES WHEN HANDLING.  
Eye Protection:WEAR SAFETY GLASSES WITH SIDE SHIELDS.  
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.  
Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. DO NOT EAT, DRINK, OR SMOKE WHEN USING THIS PRODUCT.  
Supplemental Safety and Health  
KEY1: T4, THIS ENTRY, PN IND. D, DESCRIBES PARTS B AND C OF THREE PART KIT. SEE PN IND. C, THIS SAME NSN, FOR PART A DATA.

## Chemical Properties

HCC:T4  
Spec Gravity:PRE:1.1,POL:0.97  
Solubility in Water:REACTS  
Appearance and Odor:PREPOLYMER: DARK VISCOUS LIQUID. POLYOL: OPAQUE VISCOUS LIQUID.  
Percent Volatiles by Volume:0%

## Stability

Stability Indicator/Materials to Avoid:YES  
AMINES, ALCOHOLS, WATER. REACTION WITH WATER, ALCOHOLS AND AMINES IS NOT HAZARDOUS IF CONTAINER CAN VENT TO ATMOSPHERE.  
Stability Condition to Avoid:DO NOT HEAT UNDER CONFINEMENT.  
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,

OXIDES OF NITROGEN, HYDROGEN CYANIDE, ISOCYANATES, TOXIC VAPORS,  
GASES OR PARTICULATES.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

## **Disposal**

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE  
AND FEDERAL REGULATIONS. INCINERATE IN AN INDUSTRIAL OR COMMERCIAL  
FACILITY, IF PERMITTED. DISPOSE OF COMPLETELY CURED (OR  
POLYMERIZED) MATERIAL IN A SANITARY LANDFILL, IF PERMITTED.

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