

MINNESOTA MINING & MFG CO ELECTRICAL PRODUCTS,(3M) -- 00-54007-14853-1 SCOTCHKOTE  
BRAND ELECTRICAL COATING -- 5970-00-962-3335

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Product Identification  
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Product ID:00-54007-14853-1 SCOTCHKOTE BRAND ELECTRICAL COATING

MSDS Date:02/22/1995

FSC:5970

NIIN:00-962-3335

MSDS Number: BYFLM

=== Responsible Party ===

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

Address:3M AUSTIN

CTR

Box:2963

City:AUSTIN

State:TX

ZIP:78769-2963

Country:US

Info Phone Num:512-984-5670

Emergency Phone Num:512-984-5670

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

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Composition/Information on Ingredients  
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Ingred Name:ACETONE (SARA 313) (CERCLA)

CAS:67-64-1

RTECS #:AL3150000

Fraction by Wt: 40-45%

Ot

her REC Limits:NONE RECOMMENDED  
OSHA PEL:1000 PPM  
ACGIH TLV:750PPM/1000STEL;9495  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA 313) (CERCLA)  
CAS:78-93-3  
RTECS #:EL6475000  
Fraction by Wt: 12-15%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:200 PPM  
ACGIH TLV:200 PPM/300STEL;9495  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:TOLUENE (SARA 313) (CERCLA)  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 12-15%  
Other REC Limits:NONE RECOMMENDED

OSHA PEL:200 PPM; Z-2  
ACGIH TLV:S, 50 PPM; 9495  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:ACRYLONITRILE BUTADIENE POLYMER  
CAS:9003-18-3  
Fraction by Wt: 10-15%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:PHENOL FORMALDEHYDE RESIN  
Fraction by Wt: 3-7%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:GLYCEROL ESTERS OF ROSIN ACIDS (MFR GAVE CAS# OF 8050-31-3  
WHICH IS INVALID PER BASE 10 CHECK).  
Fraction by Wt: 3-7%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:SALICYLIC ACID  
CAS

:69-72-7  
RTECS #:VO0525000  
Fraction by Wt: 1-2%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:ZINC OXIDE (SARA 313) (CERCLA)  
CAS:1314-13-2  
RTECS #:ZH4810000  
Fraction by Wt: 1-2%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST; 9495

Ingred Name:ANTIOXIDANT (BENZENAMINE, N-PHENYL-,)  
CAS:68411-46-1  
Fraction by Wt: 0.1-1.0%  
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:  
n:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: MAY CAUSE CNS DERESSION IF  
INHALED, ABSORBED THROUGH SKIN OR INGESTED. MAY CAUSE RESPIRATORY  
IRRITATION IF INHALED. CONTACT MAY CAUSE IRRITATION OF SKIN & EYES.  
INGESTION MAY CAUSE GI TRACT IRR ITATION. CHRONIC: PROLONGED OR  
RPEATED EXPOSURE MAY CAUSE KIDNEY & LIVER EFEFCTS, CARDICA  
SENSITIZATION.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF  
0.1%

OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:INHALED/SKIN ABSORPTION/INGESTED-DIZZINESS,  
HEADACHE, DROWSINESS, INCOORDINATION, SLOWED REACTION TIME, SLURRED  
SPEECH. INHALED-SORE THROAT/NOSE, COUGHING, SNEEZING. SKIN-REDNESS,  
ITCHING, SWELLING. E YES-REDNESS, SWELLING, PAIN, TEARING, HAZY  
VISION. INGESTED- PAIN, VOMITING, ABDOMINAL TENDERNESS, NAUSEA,  
BLOOD IN VOMI

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTU  
RER.

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

First Aid:IN ALL CASES GET IMMEDIATE MEDICAL ATTENTION.  
EYES-IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. SKIN-REMOVE  
CONTAMINATED CLOTHES. FLUSH WITH LOTS OF WATER. INHALED-REMOVE TO  
FRESH AIR. ADMINISTER OXYG EN OR ARTIFICIAL RESPIRATION AS  
NEEDED.INGESTED-DO NOT INDUCE VOMITING! IF CONSCIOUS, GIVE 1-2  
GLASSES WATER.

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

Flash Point

Method:CC

Flash Point:0F,-18C

Lower Limits:2.15

Upper Limits:13.0

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL FIRE EXPOSED CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard:VAPOR MAY TRAVEL LONG DISTANCE ALONG THE GROUND OR FLOOR TO AN IGNITION SOURCE AND FLASH BACK.

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

Spill Release Procedures:VENTILATE AREA. EL

IMINATE ALL SOURCES OF

IGNITION. CONTAIN SPILL. COVER WITH INORGANIC ABSORBENT MATERIAL. COLLECT SPILLED MATERIAL. CLEAN UP RESIDUE. PLACE IN AN APPROVED METAL CONTAINER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED PLACE AWAY FROM SOURCES OF IGNITION AND INCOMPATIBLE MATERIALS. CONTENTS MAY BE UNDER PRESSURE.

Other Precautions:KEE

P CONTAINER TIGHTLY CLOSED. KEEP AWAY FROM

CHILDREN. GROUND CONTAINERS SECURELY WHEN TRANSFERRING CONTENTS. WEAR LOW STATIC OR PROPERLY GROUNDING SHOES. NO SMOKING WHEN HANDLING THIS MATERIAL. VAPOR S MAY IGNITE EXPLOSIVELY.

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

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR OR AN AIR- SUPPLIED RESPIRATOR OR SCBA, AS REQUIRED.

USE IN ACCORDANCE

WITH 29 CFR 1910.1 34 AND MANUFACTURER'S RECOMMENDATIONS.

Ventilation:USE ADEQUATE EXPLOSION-PROOF MECHANICAL VENTILATION OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:BUTYL RUBBER.

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:APRON, COVERALLS. DLA-HMIS: EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLO

THES BEFORE REUSE.  
Supplemental Safety and Health

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

HCC:F2  
Boiling Pt:B.P. Text:134F,57C  
Vapor Pres:229  
Vapor Density:2.00  
Spec Gravity:0.88  
Viscosity:325 CPS  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:BROWN LIQUID; SOLVENT ODOR.  
Percent Volatiles by Volume:75

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

Stability Indicator/Materials to Avoid:YES  
NONE KNOWN.  
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.  
Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE, OXIDES OF NITROGEN, HYDROCARBONS, AMINE COMPOUNDS.  
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS. EPA/RCRA HAZARDOUS WASTE NUMBER D001 (IGNITABLE) MAY APPLY TO UNUSED/UNCONTAMINATED PRODUCT.

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