

3M GENERAL OFFICES -- SCOTCHKOTE BRAND ELECTRICAL COATING, 80-6100-3260-1 --  
5970-00-962-3335

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

Product ID:SCOTCHKOTE BRAND ELECTRICAL COATING, 80-6100-3260-1

MSDS Date:02/15/1994

FSC:5970

NIIN:00-962-3335

MSDS Number: BXXKY

=== Responsible Party ===

Company Name:3M GENERAL OFFICES

Address:3M CENTER

City:SAINT PAUL

State:MN

ZIP:55144-1000

Country:US

Info Phone Num:

612-733-1110

Emergency Phone Num:612-733-1110

CAGE:04963

=== 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

===== Composition/Information on Ingredients =====

Ingred Name:ACETONE (SARA 313) (CERCLA)

CAS:67-64-1

RTECS #:AL3150000

Fraction by Wt: 40-45%

OSHA PEL:1000 PPM

ACGIH TLV:750 PPM; 1000 STEL

EPA Rpt Q

ty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:2-BUTANONE; (METHYL ETHYL KETONE) (MEK) (SARA 313) (CERCLA)  
CAS:78-93-3  
RTECS #:EL6475000  
Fraction by Wt: 12-15%  
OSHA PEL:200 PPM  
ACGIH TLV:200 PPM; 300 STEL  
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%  
OSHA PEL:200 PPM  
ACGIH TLV:50 PPM, S  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:ACRYLONITRILE BUTADIENE POLYMER  
CAS:9003-18-3  
Fraction by Wt: 10-15  
%  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:PHENOL-FORMALDEHYDE RESIN  
CAS:25085-50-1  
Fraction by Wt: 3-7%  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:GLYCEROL ESTERS OF ROSIN ACIDS  
CAS:8050-31-5  
Fraction by Wt: 3-7%  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:SALICYLIC ACID  
CAS:69-72-7  
RTECS #:VO0525000  
Fraction by Wt: 1-2%  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:ZINC OXIDE (SARA 313) (CERCLA)  
CAS:1314-13-2  
RTECS #:ZH4810000  
Fraction by Wt: 1-2%  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST

In

gred Name:ANTIOXIDANT  
CAS:68411-46-1  
Fraction by Wt: 0.1-1%  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:VOLATILE ORGANIC COMPOUND: 600 G/L  
RTECS #:9999999VO  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:SUPDAT:CAUSE CARD SENSIT: SUDDEN HEART STOPPAGE DUE TO  
REFLEX EFT ON NERVES WHICH CTL HEART. USUALLY OCCURS ONLY(ING 12)  
RTECS #:9999999ZZ

Ingred Name:ING 11:AFTER INHAL OF CONC VAPS SUCH AS INTENTIONAL ABUSIVE  
SNIFFING OF CERTAIN SOLVS & PROPELLANTS. INGEST:NOT (ING 13)  
RTECS #:9999999ZZ

Ingred Name:ING 12:LIKELY ROUTE OF EXPOS. IRRIT OF GI TISS: SIGNS/SYMPS  
CAN INCL PAIN, VOMIT, ABDOM TENDERNESS, NAUS, BLOOD (ING 14)  
RTECS #:9999999ZZ

Ingred Name:ING 13:IN VOMITUS & IN FECES. CNS DEPRESS:SIGNS/SYMPS CAN  
INCL HDCH, DIZZ, DROW, MUSC WEAK, INCOORDINATION, SLOW(ING 15)  
RTECS #:9999999ZZ

Ingred Name:ING 14:RXN TIME, FATG, BLURRED VISION, SLURRED SPEECH,  
GIDD, TREMORS & CONVLS. ASPIR PNEUM:SIGNS/SYMPS CAN INCL (ING 16)  
RTECS #:9999999ZZ

Ingred Name:ING 15:COUGH, DFCLTY BR  
THG, WHEEZ, COUGHING BLOOD & PNEUM  
WHICH CAN BE FATAL. RPTD INGEST MAY CAUSE KIDNEY EFTS:(ING 17)  
RTECS #:9999999ZZ

Ingred Name:ING 16: SIGNS/SYMPS CAN INCL REDUCED URINE VOL, BLOOD IN  
URINE & BACK PAIN. LIVER EFTS: SIGNS/SYMPS CAN INCL (ING 18)  
RTECS #:9999999ZZ

Ingred Name:ING 17: JAUNDICE & TENDERNESS OF UPPER ABDOM. SALICYLIC  
ACID IS ASSOC W/LOWER BIRTH WTS, INCR PERINATAL (ING 19)  
RTECS #:9999999ZZ

Ingred Name:ING 18: MORTALITY, ANTE- & POSTPARTUM HEMORRHAGE, PRLNG  
GESTAT

ION & COMPLICATED DELIVERIES.  
RTECS #:9999999ZZ

Ingred Name:OTHER PRECS: SHOES. NO SMOKING WHILE HANDLING THIS  
MATERIAL. VAPORS MAY IGNITE EXPLOSIVELY.  
RTECS #:9999999ZZ

Ingred Name:VENT: OPEN CNTNRS. PROVIDE SUFFICIENT VENT TO MAINTAIN  
EMISSIONS BELOW RECOM EXPOS LIMITS. IF EXHST VENT IS NOT (ING 22)  
RTECS #:9999999ZZ

Ingred Name:ING 21: ADEQ, USE APPROPRIATE, NIOSH/MSHA APPROVED  
RESPIRATORY PROTECTION.  
RTECS #:9999999ZZ

===== Hazards Identification =====  
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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:TOLUENE APPEARS ON NAVY LIST OF OCCUP  
CHEM REPRO HAZS. SEEK CONSULTATION FROM APPROP HLTH PROFESSIONALS  
CONCERNING LATEST HAZ LIST INFO & SAFE HNDLG & EXPOS INFO . EYES:  
MOD IRRIT: SIGNS/SYMPS C AN INCL REDNESS, SWELL, PAIN, TEARING  
&HAZY VISION. SKIN: MOD IRRIT (AFTER PRLNG/RPT  
D CNTCT): SIGNS/  
(EFTS OF OVEREXP)  
Explanation of Carcinogenicity:NOT RELEVANT  
Effects of Overexposure:HLTH HAZ: SYMPS CAN INCL REDNESS, SWELL, ITCH &  
DRYNESS. MAY BE ABSORBED THRU SKIN & PRDCE EFTS SIMILAR TO INHAL &/  
OR INGEST. INHAL: CNS DEPRESS: SIGNS/SYMPS CAN INCL HDCH, DIZZ,  
DROW, INCOORDINATION , SLOWED RXN TIME, SLURRED SPEECH, GIDD&  
UNCON. IRRIT (UPPER RESP): SIGNS/SYMPS CAN INCL SORENESS OF NOSE &  
(SUPDAT)  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY M  
ANUFACTURER.

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

First Aid:EYES: IMMED FLUSH EYES W/LARGE AMOUNTS OF WATER FOR AT LEAST  
15 MIN. GET IMMED MED ATTN. SKIN: IMMED FLUSH SKIN W/ LARGE AMOUNTS  
OF WATER. REMOVE CONTAMINATED CLOTHING. IF IRRIT PERSISTS, CALL MD.  
WAS H CONTAMINATED CLOTHING BEFORE REUSE. INHAL: REMOVE TO FRESH  
AIR. IF NOT BRTHG, GIVE ARTF RESP. IF BRTHG IS DFCLT, GET IMMED MED  
ATTN. INGEST: DO NOT INDUCE VOMITING. DRINK 2 GLASSES OF

WATER.  
CALL MD

===== 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:NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP INCL  
HELMET, BUNKER COAT & PANTS, BANDS AROUND ARMS, WAIST & LEGS, FACE  
MASK & PROT COVER FOR EXPOS HEAD AREAS.  
Unusual Fire/Explosion Hazard:VAPORS MAY TRAVEL LONG DISTANCES ALONG  
THE GROUND OR  
FLOOR TO AN IGNITION SOURCE AND FLASH BACK.

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

Spill Release Procedures:OBSERVE PRECAUTIONS FROM OTHER SECTIONS OF  
MSDS. VENTILATE AREA. EXTINGUISH ALL IGNITION SOURCES. CONTAIN  
SPILL. COVER WITH INORGANIC ABSORBENT MATERIAL. COLLECT SPILLED  
MATERIAL. CLEAN UP RESIDUE. PL ACE IN AN APPROVED METAL CONTAINER.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====  
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Handling and Storage Precautions:STORE IN COOL PLACE. STORE AWAY FROM  
ACIDS. STORE OUT OF DIRECT SUNLIGHT. KEEP CNTNR IN WELL-VENT AREA.  
CONTENTS MAY BE UNDER PRESS, OPEN CAREFULLY.  
Other Precautions:KEEP OUT OF REACH OF CHILDREN. KEEP CNTNR TIGHTLY  
CLSD. FLAMM LIQ & VAP. KEEP AWAY FROM HEAT, SPKS, OPEN FLAME &  
OTHER SOURCES OF IGNIT. GROUND CNTNRS SECURELY WHEN TRANSFERRING  
CONTENTS. WEAR LOW STA TIC OR PROPERLY GROUNDED (ING 20)

===== Exposure Controls/Pe  
rsonal Protection =====

Respiratory Protection:AVOID BREATHING OF VAPORS, MISTS OR SPRAY.  
SELECT ONE OF FOLLOWING NIOSH/MSHA APPROVED RESPIRATORS BASED ON  
AIRBORNE CONCENTRATION OF CONTAMINANTS & I/A/W OSHA REGS: HALF-MASK  
ORGANIC VAPOR RESPIRATOR , FULL-FACE ORGANIC VAPOR RESPIRATOR.  
Ventilation:USE W/APPROP LOC EXHST VENT. PROVIDE APPROP LOC EXHST VENT  
AT TRANSFER POINTS. PROVIDE APPROP LOC EXHST VENT ON (ING 21)  
Protective Gloves:BUTYL RUBBER GLOVES.  
Eye Protection:A

NSI APPRVD CHEM WORKERS GOGGLES .

Other Protective Equipment:AVOID EYE & SKIN CONTACT. USE ONE OR MORE OF FOLLOWING PERSONAL PROT ITEMS AS NEC TO PVNT SKIN CNTCT: APRON, COVERALLS.

Work Hygienic Practices:DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT. WASH EXPOSED AREAS THOROUGHLY WITH SOAP AND WATER.

Supplemental Safety and Health

EFTS OF OVEREXP: THROAT, COUGH & SNEEZING. VAPS OF UNCURED PROD MAY CAUSE IRRIT OF RESP SYS. PRLNG/RPTD EXPOS MAY CAUSE BLOOD DISORDERS: SIGN

S/SYMPS CAN INCL PRLNG WEAK & FATG. LIVER EFTS:

SIGNS/SYMPS CAN INCL YELLOW SKIN (JAUNDICE) & TENDERNESS OF UPPER ABDOM. PRLNG/PRTD OVEREXP, ABOVE REC GUIDELINES, MAY (ING 11)

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

HCC:F2

Boiling Pt:B.P. Text:134F,57C

Vapor Pres:229 @ 25C

Vapor Density:2

Spec Gravity:0.88

Solubility in Water:NIL

Appearance and Odor:LIQUID, BROWN; SOLVENT ODOR.

Percent Volatiles by Volume:75

===== Stability and Reactivity Dat

a =====

Stability Indicator/Materials to Avoid:YES

NONE KNOWN.

Stability Condition to Avoid:NONE KNOWN.

Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE, OXIDES OF NITROGEN, HYDROCARBONS, AMINE COMPOUNDS.

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

Waste Disposal Methods:INCIN IN PERMITTED HAZ WASTE INCINERATOR. SINCE REGS VARY, CONSULT APPLIC FED, STATE & LOCAL REGS OR AUTHS BEFORE DISP. IN EVENT OF UNCONTROLLED RELS OF MATL

, USER SHOULD DETERM IF

RELS QUALIFIES AS R EPORTABLE QTY. U.S. EPA HAZ WASTE # D001 (IGNIT).

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