

3M GENERAL OFFICES -- SCOTCHKOTE BRAND ELECTRIC COATING -- 5970-00-962-3335
===== Product Identification =====

Product ID:SCOTCHKOTE BRAND ELECTRIC COATING

MSDS Date:12/27/1995

FSC:5970

NIIN:00-962-3335

MSDS Number: CGZLG

=== Responsible Party ===

Company Name:3M GENERAL OFFICES

Address:3M CENTER

City:ST PAUL

State:MN

ZIP:55144-1000

Country:US

Info Phone Num:612-733-1110

Emergency Phone Num:612-7

33-1110

CAGE:1BY21

=== Contractor Identification ===

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

Country:US

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

CAGE:76381

Company Name:MINNESOTA MINING AND MFG CO ENGINEERING DOCUMENT SYSTEMS
DIV

Address:3M CTR

Box:City:SAINT PAUL

State:MN

ZIP:55144-1000

Country:US

Phone:612-737-4114

CAGE:1BY21

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

Ingred Name:ACE

TONE (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 Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:2-BUTANONE; (METHYL ETHYL KETONE) (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 P
PM, 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:RESIN ACIDS & ROSIN ACIDS, ESTERS W/GLYCEROL; (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

Ingred Name:BENZENAMINE, N-PHENYL-; (ANTIOXIDANT)
CAS:68411-46-1
Fraction by Wt: 0.1-1%
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:SUPDAT: OR REPEATED OVEREXP, ABOVE RECOMD GUIDELINES, MAY
CAUSE CARD SENSIT: SUDDEN HEART STOPPAGE DUE TO (ING 12)
RTECS #:9999999ZZ

Ingred Name:ING 11: REFLEX EFT ON NERVES WHICH CONTROL
HEART. THIS EFT
USUALLY OCCURS ONLY AFTER INHAL OF CONCD VAPS SUCH AS(ING 13)
RTECS #:9999999ZZ

Ingred Name:ING 12: IN INTENTIONAL ABUSIVE SNIFFING OF CERTAIN SOLVS &
PROPELLANTS. INGEST: NOT LIKELY ROUTE OF EXPOS TO (ING 14)
RTECS #:9999999ZZ

Ingred Name:ING 13: THIS PROD. IRRIT OF GI TISS: SIGNS/SYMPS CAN INCL
PAIN, VOMIT, ABDOM TENDERNESS, NAUS, BLOOD IN VOMITUS (ING 15)
RTECS #:9999999ZZ

Ingred Name:ING 14: & BLOOD IN FECES. CNS DEPRESS: SIGNS/SYMPS CAN INCL
HDCH, DIZZ, D
ROW, MUSC WEAK, INCOORD, SLOWED RXN (ING 16)
RTECS #:9999999ZZ

Ingred Name:ING 15: TIME, FATG, BLURRED VISION, SLURRED SPEECH, GIDD,
TREMORS & CONVULSIONS. ASPIR PNEUM: SIGNS/SYMPS CAN (ING 17)
RTECS #:9999999ZZ

Ingred Name:ING 16: INCL COUGH, DFCLTY BRTHG, WHEEZ, COUGHING UP BLOOD
& PNEUM, WHICH CAN BE FATAL. RPTD INGEST MAY CAUSE: (ING 18)
RTECS #:9999999ZZ

Ingred Name:ING 17: KIDNEY EFTS: SIGNS/SYMPS CAN INCL REDUCED URINE
VOL, BLOOD IN URINE & BACK PAIN. LIVER EFTS:SIGNS/SYMPS

(ING 19)
RTECS #:9999999ZZ

Ingred Name:ING 18: CAN INCL YELLOW SKIN (JAUN) & TENDERNESS OF UPPER
ABDOMEN. SALICYCLIC ACID HAS BEEN ASSOC W/LOWER BIRTH (ING 20)
RTECS #:9999999ZZ
Other REC Limits:/K

Ingred Name:ING 19: WEIGHTS, INCRD PERINATAL MORTALITY, ANTE- &
POSTPARTUM HEMORR, PRLNGD GESTATION & COMPLICATED DELIVERIES.
RTECS #:9999999ZZ

Ingred Name:HNDLG/STOR PRECS: PRESSURE, OPEN CAREFULLY. KEEP OUT OF THE
REACH OF CHILDREN.
RTECS #:9999999ZZ

Ingred Name:OTHER PRECS: SMOKING
WHILE HANDLING THIS MATERIAL. VAPORS
MAY IGNITE EXPLOSIVELY.
RTECS #:9999999ZZ

Ingred Name:VENT: VENT ON OPEN CNTNRS. PROVIDE SUFFICIENT VENT TO
MAINTAIN EMISSIONS BELOW RECOMD EXPOSURE LIMITS. IF (ING 24)
RTECS #:9999999ZZ

Ingred Name:ING 23: EXHAUST VENT IS NOT ADEQUATE, USE APPROPRIATE NIOSH
APPROVED RESPIRATORY PROTECTION.
RTECS #:9999999ZZ

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

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 THE NAVY LIST OF
OCCUP CHEM REPRO HAZS. SEEK CONSULTATION FROM APPROP HEALTH
PROFESSIONALS CONCERNING LATEST HAZ LIST INFO & SAFE HNDLG & EXPOS
INFO . EYES: MOD IRRIT: SIGNS/S YMPS CAN INCL REDNESS, SWELLING,
PAIN, TEARING & HAZY VISION. SKIN: MOD IRRIT (AFTER PRNGD/RPTD:
(EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ: CONTACT): SIGNS/SYMPS CAN INCL REDNESS, SWELL, ITCH & DRYNESS. MAY BE ABSORBED THRU SKIN & PRDCE EFTS SIMILAR TO THOSE CAUSED BY INHAL &/OR INGEST. INHAL: CNS DEPRESS: SIGNS/SYMPS CAN INCL H DCH, DIZZ, DROW, INCOORD, SLOWED REACTION TIME, SLURRED SPEECH, GIDD & UNCON. IRRIT (UPPER RESP): SIGNS/SYMPS (SUPDAT)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid:EYES: IMMEDIATE FLUSH EYES W/LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET IMMEDIATE MED ATTN. SKIN: IMMEDIATE FLUSH SKIN W/LARGE AMOUNTS OF WATER. REMOVE CONTAMINATED CLOTHING. IF IRRITATION PERSISTS, CALL MD. WASH CONTAMINATED CLOTHING BEFORE REUSE. INHAL: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GET IMMEDIATE MED ATTN. INGEST: DO NOT INDUCE VOMITING. DRINK TWO GLASSES OF WATER. CALL MD.

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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:USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT INCL BUNKER COAT & PANTS, BANDS AROUND ARMS, WAIST & LEGS, FACEMASK & PROTECTIVE COVERING FOR EXPOSED AREAS OF HEAD.
Unusual Fire/Explosion Hazard:VAPORS MAY TRAVEL LONG DISTANCES ALONG THE GROUND OR FLOOR TO AN IGNITION SOURCE AND FLASH BACK.

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Spill Release Procedures:OBSERVE PRECAUTIONS FROM OTHER SECTIONS. VENTILATE AREA. EXTINGUISH ALL IGNITION SOURCES. 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.

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Handling and Storage Precautions:STORE IN A COOL PLACE. STORE AWAY FROM ACIDS. STORE OPEN

UT OF DIRECT SUNLIGHT. KEEP CONTAINER IN WELL-VENTILATED AREA. CONTENTS MAY BE UNDER (ING 21)
Other Precautions:KEEP CONTAINER TIGHTLY CLOSED. FLAMMABLE LIQUID & VAPOR. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME & OTHER SOURCES OF IGNITION. GROUND CONTAINERS SECURELY WHEN TRANSFERRING CONTENTS. WEAR LOW STATIC OR PROPERLY GROUNDED SHOES. NO (ING 22)

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

Respiratory Protection:AVOID BREATHING OF VAPORS, MISTS OR SPRAY.

SELECT ONE OF FOLLOWING NIOSH 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 LOCAL EXHAUST VENT. PROVIDE APPROP LOC EXHST VENT AT TRANSFER POINTS. PROVIDE APPROP LOCAL EXHAUST (ING 23)

Protective Gloves:BUTYL RUBBER GLOVES.

Eye Protection:ANSI APPROVD CHEM WORKERS GOGGLES .

Other Protective Equipment:ANSI APPROVED EYE WASH & DELUGE SHOWER .

Work

Hygienic Practices:AVOID EYE & SKIN CONTACT. DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PROD. WASH EXPOSED AREAS THOROUGHLY W/SOAP & WATER.

Supplemental Safety and Health

EFFECTS OF OVEREXP: CAN INCL SORENESS OF NOSE & THROAT, COUGH & SNEEZING.

VAPORS OF UNCURED PROD MAY CAUSE IRRIT OF RESP SYSTEM. PRLNGD/RPTD

EXPOS MAY CAUSE: BLOOD DISORDERS: SIGNS/SYMPSCAN INCL PRLNGD WEAK

& FATIGUE. LIVER EFFECTS: SIGNS/SYMPSCAN INCL YELLOW SKIN (JAUNDICE) &

TENDERNESS OF UPPER ABDOMEN.

PRLNGD (ING 11)

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

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

Vapor Pres:229 @ 25C

Vapor Density:2

Spec Gravity:0.88

VOC Pounds/Gallon:600

Solubility in Water:NIL

Appearance and Odor:LIQUID, BROWN; SOLVENT ODOR.

Percent Volatiles by Volume:75

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

Stability Indicator/Materials to Avoid:YES

NONE KNOWN.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decom

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

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

Waste Disposal Methods:INCINERATE IN PERMITTED HAZ WASTE INCINERATOR.
SINCE REGS VARY, CONSULT APPLIC FED, STATE & LOC REGS OR AUTHS
BEFORE DISPOSAL. IN EVENT OF UNCONTROLLED RELS OF THIS MATL, USER
SHOULD DETERMINE IF RELS QUALIFIES AS RQ. EPA HAZ WASTE #=D001
(IGNIT).

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