

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:612-73

3-1110

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:ACET

ONE (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 PP
M, 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, DR
OW, 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: I

nhalation: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

E

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.

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

First Aid:EYES: IMMED FLUSH EYES W/LARGE AMOUNTS OF WATER FOR AT LEAST
15 MINUTES. GET IMMED MED ATTN. SKIN: IMMED FLUSH SKIN W/LARGE
AMOUNTS OF WATER. REMOVE CONTAMD CLTHG. IF IRRIT PERSISTS, CALL MD.
WASH CON TAMD CLTHG BEFORE REUSE. INHAL: REMOVE TO FRESH AIR. IF
NOT BRTHG, GIVE ARTF RESP. IF BRTHG IS DIFFICULT, GET IMMED MED
ATTN. INGEST: DO NOT INDUCE VOMIT. DRINK TWO 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:USE NIOSH APPRVD SCBA & FULL PROT EQUIP INCL
BUNKER COAT & PANTS, BANDS AROUND ARMS, WAIST & LEGS, FACEMASK &
PROT 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.

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

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 A N APPROVED METAL CONTAINER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

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

T 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)

===== 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 .

Wor

k 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/SYMPS CAN INCL PRLNGD WEAK
& FATIGUE. LIVER EFFECTS: SIGNS/SYMPSCAN INCL YELLOW SKIN (JAUNDICE) &
TENDERNESS OF UPPER ABDOMEN.

PRLNGD (ING 11)

===== 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

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

Stability Indicator/Materials to Avoid:YES

NONE KNOWN.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomp

osition 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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