

EPO-LUX 100 E-3 DRK GREEN PTB, A0703G019B

MSDS Number

BXFFG

National Stock Number

8010-00N058515

Product Name

EPO-LUX 100 E-3 DRK GREEN PTB, A0703G019B

Manufacturer

STEELCOTE MFG CO

Product Identification

Product ID:EPO-LUX 100 E-3 DRK GREEN PTB, A0703G019B

MSDS Date:05/02/1989

FSC:8010

NIIN:00N058515

MSDS Number: BXFFG

Responsible Party

STEELCOTE MFG CO

3418 GRATIOT

ST LOUIS , MO 63103

US

Emergency Phone: 314-771-8053

Info Phone: 314-771-8053

Preparer: BARBARA STELLER

Cage: DO668

Contractor

STEELCOTE MFG CO

ST. LOUIS,, MO 63103

US

(314) 771-8053

Cage: DO668

Ingredients

(ORAL,RAT)

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: 21%

OSHA PEL100 PPM

ACGIH TLV: 100 PPM;150 STEL

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

BISPHENOL A-EPICHLOROHYDRIN COPOLYMER; (BISPHENOL

CAS: 25068-38-6

RTECS: SL6475000

Fraction By Weight: 20%

OSHA PELN/K

ACGIH TLV: N/K

10 @ 68F.

CAS: 100-41-4

RTECS: DA0700000

Fraction By Weight: 3%

OSHA PEL100 PPM

ACGIH TLV: 100 PPM;125 STEL

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

BENZENE, 1,2,4-TRIMETHYL-; (1,2,4-TRIMETHYLBENZENE) (SARA

CAS: 95-63-6

RTECS: DC3325000

Fraction By Weight: 2-5%

OSHA PEL25 PPM

ACGIH TLV: 25 PPM

SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC; (PETROLEUM

CAS: 64742-95-6

RTECS: WF3400000

Fraction By Weight: 10%

OSHA PELN/K

ACGIH TLV: 50 PPM (MFR)

COPPER COMPOUNDS

Fraction By Weight: 2%

OSHA PEL1 MG/M3 (CU)

ACGIH TLV: 1 MG/M3 (CU)

IRON HYDROXIDE OXIDE; (YELLOW IRON OXIDE)

CAS: 20344-49-4

Fraction By Weight:

OSHA PEL10 MG/M3 (MFR)

ACGIH TLV: N/K

SILICA, CRYSTALLINE - QUARTZ; (QUARTZ (SILICON DIOXIDE))

CAS: 14808-60-7

RTECS: VV7330000

Fraction By Weight: 20%

OSHA PEL10 MG/M3 (MFR)

ACGIH TLV: 0.1 MG/M3 RDUST

BUTYL ALCOHOL; (N-BUTANOL-SKIN (BUTANOL) (SARA 313)

CAS: 71-36-3

RTECS: EO1400000

Fraction By Weight: 14%

OSHA PEL100 PPM

ACGIH TLV: 50 PPM, S, C

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

4.64

RTECS: 9999999VO

ABNORMS; KIDNEY, EYE, LUNG, SPLEEN, BRAIN, NERV

RTECS: 9999999ZZ

& FULL LENGTH FACESHIELD .

RTECS: 9999999ZZ

Hazards

LD50 LC50 Mixture:SEE INGREDIENTS.

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

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

Health Hazards Acute and Chronic:ACUTE:INHAL:NASAL & RESP IRRIT, DIZZ, WEAK, FATG, NAUS, HDCH, POSS UNCON & EVEN DEATH. SKIN CONT:MOD IRRIT. MAY CAUSE DEFAT/DERM. SENSITIZOR-MAY CAUSE ALLERGIC RXNS-WHICH CAN BE SEV IN CERTAIN INDIVID UALS. SKIN ABSORPTION:SAME AS INHAL. EYE CONT:SEVERELY IRRIT. MAY CAUSE REDNESS, TEARING/BLURRED (EFTS OF OVEREXP)

Explanation of Carcinogenicity:SILICA, CRYSTALLINE-QUARTZ:IARC MONOGRAPHS, SUPP, VOL 7, PG 341, 1987:GRP 2A. NTP 7TH ANNUAL RPT ON CARCINS, (SUPDAT)

Effects of Overexposure:HLTH HAZ:VISION. INGEST:MAY CAUSE GI IRRIT, NAUS, VOMIT, DIARR, BLINDNESS & POSS DEATH. PULM ASPIR HAZ-MAY LEAD TO PNEUM-WHICH CAN BE FATAL. CHRONIC:CONTAINS MATLS WHICH UPON RPTD OVEREXP MAY CAUSE; I NJURY TO LIVER, KIDNEYS, BONE MARROW & BLOOD CELLS; CARDIAC ABNORMS; PERM BRAIN & NERV SYS DMG; EYE DMG; CNS (SUPDAT)

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN OR LUNG ALLERGIES MAY INCREASE THE CHANCE OF DEVELOPING ALLERGIC SYMPTOMS FROM THIS PRODUCT.

First Aid

First Aid:INHAL:REMOVE TO FRESH AIR. IF BREATHING STOPS, APPLY ARTIFICIAL RESPIRATION & SEEK MEDICAL ATTENTION. INGEST:DO NOT INDUCE VOMITING. CALL MD. SKIN:WASH AFFECTED SKIN W/SOAP & WATER. LAUNDER CLOTHING B EFORE WEARING. DISCARD CONTAMINATED LEATHER PRODUCTS. GET MEDICAL ATTENTION PROMPTLY. EYE:FLUSH W/LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES. GET PROMPT MEDICAL ATTENTION.

Fire Fighting

Flash Point Method:TCC
Flash Point:54.0F,12.2C
Lower Limits:1%
Upper Limits:6.6%
Extinguishing Media:ALCOHOL FOAM, CO*2, DRY CHEMICAL.
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT . BURNING WILL PRODUCE TOXIC FUMES. COOL FIRE EXPOSED CONTAINERS W/WATER.
Unusual Fire/Explosion Hazard:VAPS ARE HVR/AIR & MAY TRAVEL ALONG GROUND/BE MOVED BY VENT TO IGNIT SOURCES AT LOCATIONS DIST FROM HNDLG POINT. DUST CAN IGNITE/EXPLODE IN EVENT OF (SUPP DATA)

Accidental Release

Spill Release Procedures:ELIMINATE IGNITION SOURCES & PROVIDE GOOD VENTILATION. FOR A LARGE SPILL, WEAR APPROPRIATE NIOSH/MSHA APPROVED RESPIRATORY PROTECTION. DIKE SPILL AREA, SOAK UP W/INERT ABSORBENT MATERIAL & PLACE IN CLOSED CONTAINERS FOR PROPER DISPOSAL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:MAINTAIN GOOD HOUSEKEEPING.
Other Precautions:THIS COATING CONTAINS MATERIALS CLASSIFIED AS NUISANCE PARTICULATES; FOR EXAMPLE, TITANIUM DIOXIDE, CALCIUM CARBONATE, ETC, WHICH MAY BE PRESENT AT HAZARDOUS LEVELS ONLY DURING SANDING OR ABRADING OF THE DRIED FILM.

Exposure Controls

Respiratory Protection:IF EXPOSURE EXCEEDS TLV USE APPROPRIATE NIOSH/MSHA APPROVED RESPIRATORY PROTECTIVE EQUIPMENT W/IN USE LIMITATIONS OF THESE DEVICES; IN ALL OTHER SITUATIONS USE NIOSH/MSHA APPROVED SCBA.
Ventilation:EXPLOSION PROOF LOCAL EXHAUST VENTILATION AT POINT OF CONTAMINANT RELEASE IS RECOMMENDED ALONG W/GOOD GENERAL MECH VENT.
Protective Gloves:IMPERVIOUS GLOVES.
Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS(ING 12)
Other Protective Equipment:EMER EYE WASH AND DELUGE SHOWER WHICH MEETS ANSI DESIGN CRITERIA , BARRIER CREAM & PROTECTIVE CLOTHING.
Work Hygienic Practices:WASH HANDS BEFORE EATING OR SMOKING. WASH CLOTHES AFTER EACH USE.
Supplemental Safety and Health
EXPLO HAZ:FIRE. ALL 5 GAL PAILS & LGR SHOULD BE GROUNDED WHEN MATL IS TRANSFERRED. WATER MAY BE INEFT IN FIGHTING FIRES. EXPLAN OF CARCIN:1994: ANTIC TO BE CARCIN. EFTS OF OVEREXP:DEPRESS. PRODS SIMIL AR TO THIS ARE REPORTED TO BE MUTAGENIC. CONTAINS MATLS WHICH HAVE CAUSED FOLLOWING EFTS IN LAB ANIMALS:LIVER (ING 11)

Chemical Properties

Boiling Pt:B.P. Text:>147F,>64C
Vapor Pres:SEE INGS
Vapor Density:HVR/AIR
Spec Gravity:1.2 (H*2O=1)
Evaporation Rate & Reference:SLOWER THAN ETHER
Appearance and Odor:EPOXY COATING.

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS & HYDROFLUORIC ACID.
Stability Condition to Avoid:EXCESSIVE HEAT & ANY SOURCE OF IGNITION.
Hazardous Decomposition Products:TOXIC FUMES, CARBON MONOXIDE, OXIDES OF NITROGEN, NH*3, CARBON DIOXIDE, VARIOUS HYDROCARBONS & ALDEHYDES.

Disposal

Waste Disposal Methods:COMPLY W/FEDERAL, STATE & LOCAL REGULATIONS.

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