

DEVOE COATINGS COMPANY -- BAR RUST 235 MULT-PURPOSE EPOXY COATING, OXIDE RED
BASE -- 8010-01-316-6741

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

Product ID:BAR RUST 235 MULT-PURPOSE EPOXY COATING, OXIDE RED BASE

MSDS Date:05/10/1994

FSC:8010

NIIN:01-316-6741

Kit Part:Y

MSDS Number: BTWJR

=== Responsible Party ===

Company Name:DEVOE COATINGS COMPANY

Address:4000 DUPONT CIRCLE

City:LOUISVILLE

State:KY

ZIP:

40207

Country:US

Info Phone Num:502-897-9861

Emergency Phone Num:800-424-9300 (CHEMTREC)

Preparer's Name:LOUIS F HOLZKNECHT

CAGE:1HK86

=== Contractor Identification ===

Company Name:DEVOE COATINGS CO

Address:4000 DUPONT CIRCLE

Box:7600

City:LOUISVILLE

State:KY

ZIP:40207-4802

Country:US

Phone:502-897-9861

CAGE:1HK86

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

Ingred Name:CRYSTALLINE SILICA

CAS:14808-60-7

RTECS #:VV7330000

Fraction by Wt: 0.5%

Other REC Limits:NONE RECOM

MENDED
OSHA PEL:0.1 MG/M3 (RESP)
ACGIH TLV:0.1 MG/M3 (RESP)

Ingred Name:EPOXY RESIN
CAS:25068-38-6
RTECS #:KC2100000
Fraction by Wt: 20%
Other REC Limits:NONE RECOMMENDED

Ingred Name:HIGH FLASH AROMATIC NAPHTHA (SARA III) (VAPOR PRESSURE 10
MM HG)
CAS:64742-95-6
Fraction by Wt: 10%
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:100 PPM

Ingred Name:HYDROCARBON RESIN
CAS:68240-01-7
Fraction by Wt: 10%
Other REC Limits:NONE RECOMMENDED

Ingred Name:IRON OXIDE
CAS:1309-37-1
RTECS #:NO7400000
F
raction by Wt: 5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG/M3 (FUME)
ACGIH TLV:5 MG/M3 (FUME)

Ingred Name:MAGNESIUM SILICATE
CAS:14807-96-6
RTECS #:WW2710000
Fraction by Wt: 25%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2 MG/M3 (RESP)
ACGIH TLV:2 MG/M3 (RESP)

Ingred Name:METHYL N-AMYL KETONE (VAPOR PRESSURE 2.14 MM HG)
CAS:110-43-0
RTECS #:MJ5075000
Fraction by Wt: 5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:50 PPM

Ingred Name:MICA
CAS:12001-26-2
RTECS #:VV8760000

Fraction by Wt: 10%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:20 MPPCF
ACGIH TLV:3 MG/M3 (RESP)

Ingred Name:N-BUTYL ALCOHOL (SARA III) (VAPOR PRESSURE 4.2 MM HG)
CAS:71-36-3
RTECS #:EO1400000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:50 PPM
ACGIH TLV:50 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:PLASTICIZER (VAPOR PRESSURE 3 MM HG)
Fraction by Wt: 5%
Other REC Limits:NONE RECOMMENDED

Ingred Name:CALCULATED VOC: 287.34 GM/L
RTECS #:9999999VO
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:UNKNOWN IARC:YES
Health Hazards Acute and Chronic:ACUTE:INHAL:RESP TRACT IRRIT;
HEADACHE, NAUSEA, DIZZINESS, WEAKNESS, FATIGUE. EXTREME EXPOSURE
CAN RESULT IN UNCONSCIOUSNESS & EVEN RESPIRATORY ARREST. SKIN/EYE:
IRRIT. HARMFUL IF ABSORBED. INGEST:STO MACH &/OR INTESTINAL IRRIT,
NAUSEA, VOMITING & DIARRHEA. CONCENTRATING
& INHALING CONTENTS MAY
BE HARMFUL OR FATAL. *
Explanation of Carcinogenicity:SILICA IS LISTED WITH IARC AS A CLASS 2A
CARCINOGEN. CONTAINS CRYSTALLINE SILICA WHICH CAN CAUSE LUNG DAMAGE
& CANCER.
Effects of Overexposure:* ASPIRATION OF VOMITUS CAN CAUSE CHEM
PNEUMONITIS WHICH CAN BE FATAL. CHRONIC: REPORTS
ASSOCIATE REPEATED & PROLONGED OCCUPATIONAL OVEREXPOSURE TO
SOLVENTS W/PERMANENT BRAIN & NERVOUS SYST EM DAMAGE.
PROLONGED/REPEATED BREATHINGOF SPRAY MIST/S

ANDING DUST OVER PERIOD

OF YEARS MAY CAUSE DUST DISEASE OF LUNGS.

Medical Cond Aggravated by Exposure:NONE, WHEN USED IN ACCORDANCE WITH SAFE HANDLING AND USE INFORMATION.

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

First Aid:INHALATION: IF BREATHING DIFFICULTY, REMOVE TO FRESH AIR. IF CONTINUED DIFFICULTY, GIVE MEDICAL AID IMMEDIATELY. IF BREATHING CEASES, RESTORE USING CPR & GET MED HELP IMMEDIATELY. EYES: FLUSH IMMEDIAT ELY WITH LARGE AMOUNTS OF

WATER 15 MIN.GET MED AID. SKIN:

WASH WITH SOAP & WATER. REMOVE SOILED CLOTHING. GET MED AID IF IRRIT PERSISTS. INGEST: CONSULT PHYSICIAN IMMEDIATELY. DO NOT INDUCE VOMITING.

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

Flash Point Method:SCC

Flash Point:100F,38C

Lower Limits:1

Extinguishing Media:IN CASE OF FIRE USE CO2, DRY CHEMICAL, FOAM, OR OTHER NFPA APPROVED METHOD FOR TREATING A CLASS B FIRE.

Fire Fighting Procedures:PROF FIREMEN WEAR FULL PROTECT EQUIP

W/SCBA.WATER SPRAY MAY BE INEFFECTIVE,USE (FOG NOZZLES) TO COOL FIRE EXPOSED CNTNRS TO PREVENT PRESSR BLDUP/AUTO IGNITION.

Unusual Fire/Explosion Hazard:KEEP FROM HEAT, IGNIT SOURCE. DUE TO PRESSR BLDUP, CLSD CNTNR TO EXTREME HEAT MAY EXPLODE. NEVER USE WELDING/CUT TORCH ON/NEAR CNTNR. DECOMP PRODUCTS-HLTH HZD.

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

Spill Release Procedures:REMOVE IGNIT SOURCES.PREVENT BREATHING VAPOR. VENT AREA.BEFORE ATTE

MPTING CLEAN-UP,REFER TO HAZARD CAUTION

INFO IN OTHER SECTIONS OF MSDS.CONTAIN SPILLED MATERIAL & REMOVE W/INERT ABSORBENT & NON-SPARK ING TOOLS.STORE IN CLOSED CONTAINER TILL DISPOSED.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, IGNIT SOURCE.

DON'T SMOKE. PREVENT BLDUP OF VAPORS BY MAINTAINING FLOW OF FRESH AIR. DON'T STORE >120F OR NEAR OPEN FLAME.

Other Precautions:STORE LRG QTY IN BLDGS TO COM

PLY W/OSHA 1910.106.

KEEP CONTAINER CLSD WHEN NOT IN USE. DON'T TRANSFER CONTENTS TO BOTTLES OR UNLABELLED CNTNR. DON'T REUSE EMPTY CNTNR. IF KIT MIXED, MIXTURE WILL HAVE HAZARDS OF BOTH PARTS. OBEY PRECAUTIONS.

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

Respiratory Protection: DON'T BREATHE VAPORS, SPRAY/SANDING DUST. WHEN SPRAY IN OUTDOOR/OPEN AREA, DURING SAND/GRINDING, USE NIOSH/MSHA MECHAN FILTER RESPIRATOR. IN RESTRICTED VENT AREA, WEAR NIOSH/MSHA

CHEM/MECHAN FILTER. I N CONFINED AREA, AIR SUPPLD RSPRTR/HOOD.

Ventilation: GENERAL DILUTION OR LOCAL EXHAUST VENT TO KEEP BELOW PEL/TLV IN MIX, APPLIC, CURING AREA & TO REMOVE SANDING DUSTS *

Protective Gloves: SOLVENT IMPERMEABLE RECOMMENDED

Eye Protection: SOLVENT RESIST W/SPLASH GUARD, SIDESHLD

Other Protective Equipment: DO NOT GET ON SKIN. SOLVENT IMPERMEABLE CLOTHING & BOOTS TO PREVENT SKIN CONTACT ARE RECOMMENDED.

Work Hygienic Practices: REMOVE AND WASH SOILED CLOTHING BEFORE REUSE.

WASH HANDS BEFORE EATING OR SMOKING.

Supplemental Safety and Health

* OF DRIED COATINGS AND DECOMPOSITION PRODUCTS DURING WELDING AND FLAME CUTTING ON SURFACES COATED WITH THIS PRODUCT. VAPORS MAY SPREAD LONG DISTANCES. PREVENT BUILD-UP BY REMOVING HEAVY SOLVENT VAPOR S FROM LOWER LEVELS OF THE WORK AREA. ELIMINATE ALL IGNITION SOURCES.

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

Boiling Pt: B.P. Text: 244 TO 572F

Vapor Density: > AIR

Spec Gravity: 1

.32 TO 1.52

Viscosity: 110 TO 140 KU

Evaporation Rate & Reference: SLOWER THAN ETHER

Solubility in Water: SLIGHT

Appearance and Odor: RED VISCOUS LIQUID, SOLVENT ODOR

Percent Volatiles by Volume: 34.06

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

Stability Indicator/Materials to Avoid: YES

AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products: FUMES MAY CONTAIN CO, CO₂, PHENOL DERIVATIVES, TRACES OF TDI, AND LOW MOLECULAR WEIGHT ORGANIC FRAGME

NTS.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. INCINERATE ONLY IN APPROVED FACILITY. DO NOT INCINERATE CLOSED CONTAINER. EPA WASTE CODE: D001, IGNITABLE.

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