

DEVOE COATINGS COMPANY -- BAR RUST 235 MULTI PURPOSE EPOXY COATING BL --  
8010-01-316-6020

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

Product ID:BAR RUST 235 MULTI PURPOSE EPOXY COATING BL

MSDS Date:01/01/1987

FSC:8010

NIIN:01-316-6020

Kit Part:Y

MSDS Number: BPYMW

=== Responsible Party ===

Company Name:DEVOE COATINGS COMPANY

Address:4000 DUPONT CIRCLE

City:LOUISVILLE

State:KY

ZIP:40207

Country:US

Info Ph

one 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:CARBON BLACK

CAS:1333-86-4

RTECS #:FF5800000

Fraction by Wt: 1.5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:3.5 MG/M3

ACGIH T

LV:3.5 MG/M3

Ingred Name:CRYSTALLINE SILICA (PC)

CAS:112945-52-5

RTECS #:VV7310000

Fraction by Wt: 0.4%

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.1 MG/M3 (RESP)

ACGIH TLV:0.1 MG/M3 (RESP)

Ingred Name:EPOXY RESIN

CAS:25068-38-6

Fraction by Wt: 19.4%

Other REC Limits:NONE SPECIFIED

Ingred Name:HIGH FLASH AROMATIC NAPHTHA (VAPOR PRESSURE 10 MM HG) (SARA III)

CAS:64742-95-6

Fraction by Wt: 10.3%

Other REC Limits:NONE SPECIFIED

ACGIH TLV:100 PPM

Ingred Name:HYDROCARBON RESIN

Fraction by Wt:

10.4%

Other REC Limits:NONE SPECIFIED

Ingred Name:MAGNESIUM SILICATE

CAS:14807-96-6

RTECS #:WW2710000

Fraction by Wt: 31.2%

Other REC Limits:NONE SPECIFIED

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: 2.0%

Other REC Limits:NONE SPECIFIED

OSHA PEL:50 PPM CEILING LIMIT

ACGIH TLV:50 PPM CEILING LIMIT

Ingred Name:MICA

CAS:12001-26-2

RTECS #:VV8760000

Fraction by Wt: 11.8%

Other REC Limi

ts:NONE SPECIFIED  
OSHA PEL:20 MPPCF  
ACGIH TLV:3 MG/M3 RDUST; 9293

Ingred Name:N-BUTYL ALCOHOL (SARA III) (CERCLA 103A) (VAPOR PRESSURE  
4.2 MM HG)

CAS:71-36-3  
RTECS #:EO1400000  
Fraction by Wt: 6.8%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM  
ACGIH TLV:S, C 50 PPM; 9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:PLASTICIZERS (VAPOR PRESSURE 3 MM HG)

CAS:68515-40-2  
Fraction by Wt: 4.0%  
Other REC Limits:NONE SPECIFIED

Ingred Name:VOC: 283.63 (GRAMS/LITER)

RTECS #:9999999VO  
Oth  
er REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:LD50 1600 MG/KG (RAT,ORAL), LC50 2000 \*  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:UNKNOWN IARC:YES  
Health Hazards Acute and Chronic:INHAL: RESP TRACT IRRIT, HEADACHE,  
NAUSEA, DIZZINESS, WEAK & FATIGUE. UNCONSCIOUSNESS, RESP ARREST.  
ALLERGIC REACTION, PERM LUNG DAMAGE. SKIN/EYE: IRRITATION. HARMFUL  
IF ABSORBED THRU SKIN.  
INGEST: ST OMACH/INTESTINAL IRRITATION,  
NAUSEA, VOMITING, DIARRHEA. PERMANENT BRAIN & NERV SYS DAMAGE. DUST  
DISEASE OF LUNGS.  
Explanation of Carcinogenicity:IARC CLASS 2A CARCINOGEN.CONTAINS  
CRYSTALLINE SILICA WHICH CAN CAUSE LUNG DAMAGE & CANCER.RISK  
DEPENDS ON DURATION/LEVEL  
Effects of Overexposure:N/K\* PPM (RAT, 4 HOURS). SEE FILE  
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:INHAL: BREATH DIFFICULT, MOVE TO FRESH AIR. CONTN'D  
DIFFICULTY, GET MED AID IMMED. IF BREATH STOPPED, RESTORE USING  
CPR, GET MED HELP IMMED. EYES: FLUSH IMMED W/WATER 15 MIN. GET MED  
AID. SKIN: WASH W ITH SOAP & WATER. REMOVE SOILED CLOTHING. GET MED  
AID IF IRRIT PERSISTS. INGEST: SEE DR IMMED. DONT INDUCE VOMITING.  
ASPIRATION CAN CAUSE CHEM PNEUMONITIS (HARMFUL/FATAL).  
CONC/INHAL-HARMFUL/FATAL.

===== Fire Fig  
hting 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:KEEP CNTNR CLOSED. ISOLATE FROM HEAT, ELEC  
EQUIP, SPARK & FLAME. DUE TO PRESSURE BLDUP, CLSD CNTNR/RESIDUE MAY  
IGNITE. OVEREXPOS TO DECOMP IS HEALTH HAZARD.

Unusual Fire/Explosion Hazard:KEEP CNTNR CLSD. ISOLATE FROM HEAT, ELEC  
EQUIP, SP

ARK & FLAME. DUE TO PRESSURE BLDUP, CLSD CNTNR/RESIDUE MAY  
IGNITE. OVEREXPOSURE TO DECOMP PRODUCT-HEALTH HZD.

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

Spill Release Procedures:REMOVE IGNITION SOURCES. DONT BREATH VAPOR.  
VENT AREA. BEFORE CLEAN-UP, REFER TO HAZARD CAUTION INFO IN OTHER  
SECTIONS OF MSDS. CONTAIN SPILLED MATERIAL, REMOVE W/INERT ABSORB &  
NON SPARK TOOLS. STORE IN CLOSED CONTAINER UNTIL PROPERLY DISPOSED  
OF.

===== H  
andling and Storage =====

Handling and Storage Precautions:KEEP FROM HEAT, SPARKS & FLAMES. DONT  
SMOKE. PREVENT BLDUP OF VAPOR BY MAINTAINING CONTINUOUS FLOW OF  
FRESH AIR. DONT STORE ABOVE 120F/NEAR FLAME.

Other Precautions:STORE LRG QTY IN BLDGS IN COMPLY W/OSHA 1910.106.  
KEEP CNTNR CLSD. DONT TRANSFER CONTENTS TO BOTTLES/OTHER UNLABELLED  
CNTNR. DONT REUSE EMPTY CNTNR. IF MAT'L IS PART OF 2 COMPONENT  
PROD, MIX MAY HAVE HZDS OF BOTH. OBSERVE APPLIC PRECAUTI

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

Respiratory Protection:DONT BREATHE VAPOR/MIST/SAND DUST.SPRAY APPLIC  
 IN OUTDOOR/OPEN AREAS/DURING SAND/GRIND,USE NIOSH/MSHA MECHAN  
 FILTER(REMOVE COMBNTN PARTIC/VAPOR).IN CONFINED,USE NIOSH/MSHA AIR  
 SUPPLY RSPRTR/HOOD.USE N IOSH/MSHA RSPRTR WHEN FLAME CUT/WELD,ETC

Ventilation:GENERAL DILUTION TO KEEP CONTAM CONC BELOW TLV WHEN MIXING,  
 APPLIC, DURING, REMOVE SANDING DUST, DECOMPOSITION PRODUCT\*\*

Protective G

loves:SOLVENT IMPERMEABLE GLOVES

Eye Protection:SOLV RESIST EYEWEAR-SPLSHGUARD/SIDESHLD

Other Protective Equipment:SOLVENT IMPERMEABLE CLOTHING AND 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

\*\* DURING WELDING AND FLAME CUTTING ON SURFACES COATED WITH THIS  
 PRODUCT. VAPORS MAY SPREAD LONG DISTANCES. PREVENT BUILD-UP BY  
 REMOVING HEAVY SOLVENT

VAPORS FROM LOWER LEVELS OF THE WORK AREA.  
 ELIMIN ATE ALL IGNITION SOURCES.

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

HCC:F4

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

Vapor Density:> AIR

Spec Gravity:1.41

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:SLIGHT

Appearance and Odor:BLACK VISCOUS LIQUID, SOLVENT ODOR

Percent Volatiles by Volume:33.62

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

Stability Indicator/Materials to A

void:YES

AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:HEATED TO DECOMP: TOXIC FUMES. CO,  
 CO2, PHENOL DERIVATIVES, TRACES OF TDI & LOW MOLECULAR WEIGHT  
 ORGANIC FRAGMENTS.

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

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

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