

PPG INDUSTRIES INC COATINGS & RESINS GROUP -- DP90LF EPOXY PRIMER -- 8010-00F050508

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

Product ID:DP90LF EPOXY PRIMER
MSDS Date:05/12/1994
FSC:8010
NIIN:00F050508
MSDS Number: CFCCS
=== Responsible Party ===
Company Name:PPG INDUSTRIES INC COATINGS & RESINS GROUP
Address:4325 ROSANNA DR
Box:9
City:ALLISON PARK
State:PA
ZIP:15101-5000
Country:US
Info Phone Num:412-492-5555
Emergency Phone Num:304-843-1300
CAGE:DO542
=== Contractor Identification ===
Company Name:PPG INDUSTRIES INC. COATINGS & RESINS GP
Address:4325 ROSEANNA DR PO BOX 9
Box:9
City:ALLISON PARK
State:PA
ZIP:15101
Phone:412-492-5555
CAGE:DO542

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

Ingred Name:COLUMBIA CARBON, CARBON BLACK, LAMPBLACK, BLACK PEARLS
(IARC CARC GROUP 3) - *96-2*
CAS:1333-86-4
RTECS #:FF5800000
Fraction by Wt: 1-2%
Other REC Limits:3.5 MG/CUM (NIOSH)
OSHA PEL:3.5 MG/CUM
ACGIH TLV:3.5 MG/CUM

Ingred Name:CARBONIC ACID, CALCIUM SALT (1:1), CALCIUM CARBONATE,
DURAMITE
CAS:471-34-1
RTECS #:FF9335000
Fraction by Wt: 10-15%
Other REC Limits:10 MG/CUM (DUST)

Ingred Name:BARIUM SULFATE, BARYTES *96-2*
CAS:7727-43-7
RTECS #:CR0600000
Fraction by Wt: 10-15%
OSHA PEL:10 MG/CUM
ACGIH TLV:10 MG/CUM

Ingred Name:ZINC PHOSPHATE, ZINC ORTHOPHOSPHATE
CAS:7779-90-0
RTECS #:TD0590000
Fraction by Wt: 5-10%
Other REC Limits:10 MG/CUM
OSHA PEL:15 MG/CUM
ACGIH TLV:10 MG/CUM

Ingred Name:TALC (POWDER), (ASBESTOS FREE), TALCUM; HYDROUS MAGNESIUM

SILICATE

CAS:14807-96-6
RTECS #:WW2710000
Fraction by Wt: 2-5%
OSHA PEL:2 MG/CUM (RESP DUST)
ACGIH TLV:2 MG/CUM (RESP DUST)

Ingred Name:XYLENE, DIMETHYLBENZENE, XYLOL (IARC - GROUP 3) *96-2*
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 2-5%
Other REC Limits:100 PPM
OSHA PEL:100 PPM
ACGIH TLV:100 PPM, SKIN
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:SOLVENT NAPHTHA, PETROLEUM, LIGHT AROMATIC, HIGH FLASH
AROMATIC NAPHTHA, C8&10 AROMATIC HYDROCARBON *96-2*
CAS:64742-95-6
RTECS #:WF3400000
Fraction by Wt: 5-10%

Ingred Name:2-HEPTANONE, METHYL N-AMYL KETONE
CAS:110-43-0
RTECS #:MJ5075000
Fraction by Wt: 10-15%
Other REC Limits:50 PPM
OSHA PEL:465 MG/CUM
ACGIH TLV:233 MG/CUM

Ingred Name:TOLUENE (IARC CARC- GROUP 3) *96-2*
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 2-5%
Other REC Limits:375 MG/CUM
OSHA PEL:100 PPM
ACGIH TLV:100 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:HEXONE, METHYL ISOBUTYL KETONE (MIBK), 4-METHYL-2-PENTANONE
CAS:108-10-1
RTECS #:SA9275000
Fraction by Wt: 5-10%
Other REC Limits:50 PPM
OSHA PEL:410 MG/CUM
ACGIH TLV:205 MG/CUM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:2-BUTOXYETHANOL (ETHYLENE GLYCOL MONOBUTYL ETHER), BUTYL
CELLOSOLVE, BUTYL GLYCOL, GLYCOL ETHER EB * 96-2 *
CAS:111-76-2
RTECS #:KJ8575000
Fraction by Wt: 2-5%
Other REC Limits:25 PPM (SKIN)
OSHA PEL:50 PPM (SKIN)
ACGIH TLV:25 PPM (SKIN)

Ingred Name:FILM FORMERS, RESINS, AND ADDITIVES
Fraction by Wt: 2-5%

Ingred Name:CRYSTALLINE-QUARTZ SILICA, SILICA DUST (SUSPECTED HUMAN
CARCINOGEN BY IARC-GROUP 2A; SUSPECTED CARCINOGEN NTP) *96-2*

CAS:14808-60-7
RTECS #:VV7330000
Fraction by Wt: <1%
Other REC Limits:0.05 MG/CUM (NIOSH)
OSHA PEL:10 MG/CUM %RESP SIO2
ACGIH TLV:0.1 MG/CUM RESP DUST

Ingred Name:BARIUM COMPOUNDS
Fraction by Wt: 10-15%

Ingred Name:GLYCOL ETHERS
Fraction by Wt: 2-5%

Ingred Name:BISPHENOL A DIGLYCIDYL ETHER RESIN, EPOXY RESIN, EPON 820,
ARALDITE 6004, AMINE ADDUCT, ARALDITE GY250 *96-2*
CAS:25068-38-6
RTECS #:KD4380000
Fraction by Wt: 10-15%

Ingred Name:SILICA, AMORPHOUS, PRECIPITATED AND GEL, SYNTHETIC
CRYSTALLINE-FREE SILICA GEL *96-2*
CAS:112926-00-8
RTECS #:VV7315000
Fraction by Wt: 1-2%
ACGIH TLV:10 MG/CUM

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:HARMFUL IF SWALLOWED, ABSORBED THROUGH
THE SKIN & INHALED. EYES: IRRITATION. SKIN: IRRITATION, ALLERGIC
REACTIONS. INHALATION: IRRITATION OF NOSE & THROAT. REPEATED
EXPOSURE TO HIGH VAPOR CONCENTRATIONS MAY CAUSE IRRITATION OF THE
RESPIRATORY SYSTEM & PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. (SEE
SUPP)
Explanation of Carcinogenicity:SEE INGREDIENTS.
Effects of Overexposure:IRRITATION, EYE WATERING, HEADACHES, NAUSEA,
DIZZINESS, LOSS OF COORDINATION, REDNESS, ITCHING, BURNING, VISUAL
DISTURBANCES, DRYNESS, CRACKING, SWELLING.

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

First Aid:INGESTION: DON'T INDUCE VOMITING. EYES: FLUSH IMMEDIATELY
W/PLENTY OF WATER FOR 15 MINS. SKIN: FLUSH W/WATER, FOLLOWED BY
WATERLESS CLEANER & SOAP. INHALATION: REMOVE TO FRESH AIR. GIVE CPR
IF NEEDED. INGESTION: CONTACT A POISON CONTROL CENTER & HAVE
MATERIAL SAFETY DATA SHEET INFORMATION AVAILABLE. OBTAIN MEDICAL
ATTENTION IN ALL CASES.

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

Flash Point Method:PMCC
Flash Point:80F
Lower Limits:1.2
Extinguishing Media:CO2, DRY CHEMICAL/UNIVERSAL AQUEOUS FILM FORMING
FOAM.
Fire Fighting Procedures:WATER SPRAY MAY BE INEFFECTIVE. WATER SPRAY
MAY BE USED TO COOL CLOSED CONTAINERS. IF WATER IS USED, FOG
NOZZLES ARE PREFERABLE. WEAR SCBA.
Unusual Fire/Explosion Hazard:KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE
FROM HEAT, ELECTRICAL EQUIPMENT & OTHER IGNITION SOURCES. DON'T
APPLY TO HOT SURFACES. (SEE SUPP)

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

Spill Release Procedures:USE MAXIMUM VENTILATION. ONLY PERSONNEL
EQUIPPED W/PROPER RESPIRATORY & SKIN/EYE PROTECTION, PERMITTED.
REMOVE IGNITION SOURCES. TAKE UP W/SAWDUST, VERMICULITE/OTHER
ABSORBENT MATERIAL & PLACE INTO CONTAINERS FOR DISPOSAL.

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

Handling and Storage Precautions:GROUND CONTAINER WHEN POURING. AVOID
FREE FALL OF LIQUIDS IN EXCESS OF A FEW INCHES. DON'T STORE >120F.
Other Precautions:INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING &
INHALING THE CONTENTS CAN BE HARMFUL/FATAL.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED AIR PURIFYING/AIR
SUPPLIED RESPIRATORS.
Ventilation:GENERAL DILUTION/LOCAL EXHAUST VENTILATION.
Protective Gloves:NITRILE/NEOPRENE RUBBER
Eye Protection:CHEMICAL SPLASH GOGGLES/FULL FACE SHIELD
Other Protective Equipment:IMPERMEABLE APRON.
Supplemental Safety and Health
UNUSUAL FIRE CONT'D: CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO
EXTREME HEAT. TOXIC GASES MAY FORM WHEN PRODUCT IS CONTACTED BY
FLAME/HOT SURFACES. HEALTH HAZARDS CONT'D: CRYSTALLINE
SILICA/QUARTZ MAY LEAD TO SILICOSIS.

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

Boiling Pt:B.P. Text:230-381.2F
Vapor Pres:7.5
Vapor Density:>1
Spec Gravity:1.32
Evaporation Rate & Reference:(BU OAC =100): 78
Solubility in Water:4.8
Appearance and Odor:VISCOUS LIQUID W/CHARACTERISTIC ODOR OF THE
SOLVENTS LISTED.
Percent Volatiles by Volume:61.12

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

Stability Indicator/Materials to Avoid:YES
STRONG ALKALIES, STRONG MINERAL ACIDS/STRONG OXIDIZING AGENTS.
Stability Condition to Avoid:HEAT, SPARKS, OPEN FLAMES, ELECTRICAL
EQUIPMENT & OTHER IGNITION SOURCES. TEMP >120F.
Hazardous Decomposition Products:HEATED, WELDING, BRAZING/FLAME
CUTTING: CO, HYDROGEN CHLORIDE, CHLORINE.

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

Waste Disposal Methods:DISPOSE OF IAW/FEDERAL, STATE & LOCAL
REGULATIONS. EMPTY CONTAINERS SHOULD BE RECYCLED/DISPOSED OF
THROUGH AN APPROVED WASTE MANAGEMENT FACILITY.

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