

DPE1202 FERROCHROME PRIMER

MSDS Number

BBGWQ

National Stock Number

8010-00F000548

Product Name

DPE1202 FERROCHROME PRIMER

Manufacturer

PPG INDUSTRIES INC

Product Identification

Product ID:DPE1202 FERROCHROME PRIMER

MSDS Date:02/11/1992

FSC:8010

NIIN:00F000548

MSDS Number: BBGWQ

Responsible Party

PPG INDUSTRIES INC

260 KAPPA DRIVE

PITTSBURG , PA 15238

Emergency Phone: (304) 843-1300

Info Phone: (412) 492-5555

Cage: DO542

Contractor

PPG/PITTSBURGH, OA 15238

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ALLISON PARK, PA 15101

412-492-5555

Cage: 53171

Ingredients

SOLVENT NAPHTHA, PETROLEUM, LIGHT AROMATIC C8-C10 (AROMATIC

CAS: 64742-95-6

Fraction By Weight: 5%

ACGIH TLV: 100 PPM

LIGHT ALIPHATIC NAPHTHA, VM & P NAPHTHA

CAS: 64742-89-8

Fraction By Weight: 5%

OSHA PEL500 PPM

ACGIH TLV: 300 PPM

RESIN

Fraction By Weight: 25%

ADDITIVES

Fraction By Weight: 25%

FILM FORMERS

Fraction By Weight: 25%

CHROMIUM VI, ION (CR 6+) (OSHA CARCINOGEN); SOLUBLE

CAS: 18540-29-9

RTECS: GB6262000

Fraction By Weight: 1-2%

OSHA PEL0.1 MG/CUM

ACGIH TLV: 50 UG/CUM (A1)

ALUMINUM SILICATE *92/1*

CAS: 1335-30-4

Fraction By Weight: 1-2%

10.10

RTECS: 9999999WG

TALC (POWDER), (ASBESTOS FREE), TALCUM, MAGNESIUM SILICATE

CAS: 14807-96-6

RTECS: WW2710000

Fraction By Weight: 2-5%

OSHA PEL20 MPPCF

ACGIH TLV: 2 MG/CUM (RESP DUST)

POTASSIUM ZINC CHROMATE (SUSPECTED HUMAN CARCINOGEN BY

CAS: 11103-86-9

RTECS: GA9170000

Fraction By Weight: 2-5%

ACGIH TLV: 0.01 MG/CUM

RED IRON OXIDE/IRON (III) OXIDE/FERRIC OXIDE/YELLOW FERRIC

CAS: 1309-37-1

RTECS: NO7400000

Fraction By Weight: 5-10%

OSHA PEL10 MG/M3 (FE)

ACGIH TLV: 5 MG/M3(FE),B2; 9293

BARIUM SULFATE, BARYTES

CAS: 7727-43-7

RTECS: CR0600000

Fraction By Weight: 10-15%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9293

XYLENE, DIMETHYLBENZENE, XYLOL

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: 30-35%

OSHA PEL100 PPM

ACGIH TLV: 100 PPM, SKIN

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:INGESTION: HARMFUL/FATAL. EYE:
IRRITATION/REDNESS/ITCH/BURNS/VISUAL DISTURBANCES. SKIN:
DRYNESS/ITCH/CRACK/BURNS/REDNESS/SWELLS/IRRITATION/ALLERGIC
REACTION. INHALATION: IRRITATION TO RESPIRATORY SYST EM, NOSE,
EYES, & THROAT/HARMFUL/EYE
WATERING/HEADACHES/NAUSEA/DIZZINESS/COORDINATION LOSS/PERMANENT
BRAIN & CNS DAMAGE.

Explanation of Carcinogenicity:ZINC POTASSIUM CHROMATE & CHROMIUM
COMPOUNDS ARE SUSPECTED HUMAN A1 CARCINOGENS BY ACGIH.
Effects of Overexposure:INGESTION: HARMFUL/FATAL. EYE:
IRRITATION/REDNESS/ITCH/BURNS/VISUAL DISTURBANCES. SKIN:
DRYNESS/ITCH/CRACK/BURNS/REDNESS/SWELLS/IRRITATION/ALLERGIC
REACTION. INHALATION: IRRITATION TO RESPIRATORY SYST EM, NOSE,
EYES, & THROAT/HARMFUL/EYE
WATERING/HEADACHES/NAUSEA/DIZZINESS/COORDINATION LOSS/PERMANENT
BRAIN & CNS DAMAGE.

First Aid

First Aid:INGESTION: DON'T INDUCE VOMITING. EYES: FLUSH W/PLENTY OF
WATER FOR AT LEAST 15 MINS. SKIN: FLUSH IMMEDIATELY W/PLENTY OF
WATER, FOLLOWED BY WATERLESS HAND CLEANER & SOAP/WATER IF MATERIAL
APPEARS TO ADHERE. INHALATION: REMOVE TO FRESH AIR. APPLY
ARTIFICIAL RESPIRATION & OTHER SUPPORTIVE MEASURES AS REQUIRED.
OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point Method:PMCC
Flash Point:24F
Lower Limits:1.2%
Extinguishing Media:NFPA CLASS B EXTINGUISHERS SUCH AS CO2/DRY
CHEMICAL/UNIVERSAL AQUEOUS FILM FORMING FOAM FOR FLAMMABLE LIQUID
FIRES
Fire Fighting Procedures:WATER SPRAY MAY BE INEFFECTIVE. IF WATER IS
USED, FOG NOZZLES ARE PREFERABLE. WEAR SELF-CONTAINED BREATHING
APPARATUS.
Unusual Fire/Explosion Hazard:WATER SPRAY MAY BE USED TO COOL CLOSED
CONTAINERS TO PREVENT PRESSURE BUILD-UP/POSSIBLE
AUTOIGNITION/EXPLOSION WHEN EXPOSED TO EXTREME HEAT. FLAMMABLE
LIQUID.

Accidental Release

Spill Release Procedures: PROVIDE MAXIMUM VENTILATION. WEAR PROTECTIVE EQUIPMENT. EVACUATE AREA. REMOVE ALL SOURCES OF IGNITION. TAKE UP SPILLED MATERIAL W/SAWDUST, VERMICULITE, OR OTHER ABSORBENT MATERIAL. PLACE INTO CONTAINERS FOR DISPOSAL.

Handling

Handling and Storage Precautions: DON'T STORE >120F. AVOID CONTACT W/SKIN & EYES. AVOID INGESTION & INHALATION OF VAPORS, SPRAY MISTS, SANDING/GRINDING DUSTS.

Other Precautions: CONTAINERS SHOULD BE GROUNDED WHEN POURING. AVOID FREE FALL OF LIQUID IN EXCESS OF A FEW INCHES. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING & INHALING THE CONTENTS CAN BE HARMFUL OR FATAL.

Exposure Controls

Respiratory Protection: WEAR NIOSH/MSHA-APPROVED (TC-23C) AIR PURIFYING OR AIR SUPPLIED (TC-19C) RESPIRATORS.

Ventilation: GENERAL DILUTION/LOCAL EXHAUST IN VOLUME & PATTERN TO KEEP

Protective Gloves: NEOPRENE/NITRILE RUBBER

Eye Protection: CHEMICAL-TYPE SPLASH GOGGLES

Other Protective Equipment: PROTECTIVE CLOTHING, IMPERMEABLE APRON, FULL FACE SHIELD

Work Hygienic Practices: REMOVE/LAUNDER OR DISCARD CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

PERCENT BY WEIGHT: 53.79. BOILING RANGE: 172.4-381.2F. IF THIS MATERIAL IS PART OF A MULTIPLE COMPONENT COATING SYSTEM, READ THE MSDS FOR THE OTHER COMPONENT OR COMPONENTS BEFORE BLENDING AS THE RESULTING MIXTURE MAY HAVE THE HAZARDS OF ALL OF ITS PARTS.

Chemical Properties

Boiling Pt: B.P. Text: SEE SUPP

Vapor Pres: 11

Vapor Density: >AIR

Spec Gravity: 1.21

Evaporation Rate & Reference: (BUOAC = 100): 126

Solubility in Water: 0.1%

Appearance and Odor: VISCOUS LIQUID W/ODOR CHARACTERISTIC OF THE SOLVENTS.

Percent Volatiles by Volume: 65.80%

Stability

Stability Indicator/Materials to Avoid: YES

STRONG ALKALIES, STRONG MINERAL ACIDS, OR STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: HEAT, ELECTRICAL EQUIPMENT, SPARKS, OPEN FLAMES, HOT SURFACES, TEMPS >120F, & OTHER SOURCES OF IGNITION

Hazardous Decomposition Products: TOXIC GASES SUCH AS CO, OXIDES OF CHROMIUM, & ZINC OXIDE

Disposal

Waste Disposal Methods: DISPOSE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. EMPTY CONTAINERS SHOULD BE RECYCLED OR DISPOSED OF THROUGH AN APPROVED WASTE MANAGEMENT FACILITY. UN1263. FLAMMABLE LIQUID.

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