

11-4 YELLOW TRAFFIC & ZONE MARKING PAINT

MSDS Number

BXMQB

National Stock Number

6850-00F040906

Product Name

11-4 YELLOW TRAFFIC & ZONE MARKING PAINT

Manufacturer

PPG INDUSTRIES INC

Product Identification

Product ID:11-4 YELLOW TRAFFIC & ZONE MARKING PAINT

MSDS Date:10/29/1987

FSC:6850

NIIN:00F040906

MSDS Number: BXMQB

Responsible Party

PPG INDUSTRIES INC

1 PPG PL

PITTSBURGH , PA 15272-0001

US

Emergency Phone: 412-434-3131

Info Phone: 412-434-3131

Cage: 47695

Contractor

PPG INDUSTRIES INC

PITTSBURGH, PA 15272

US

1-800-245-2974 (CAL HYPO)

Cage: 47695

Ingredients

BARIUM SULFATE, BARYTES *95-2*

CAS: 7727-43-7

RTECS: CR0600000

Fraction By Weight: 20%

OSHA PEL10 MG/CUM

ACGIH TLV: 10 MG/CUM

LIGHT ALIPHATIC NAPHTHA, VM & P NAPHTHA, LACOLENE

CAS: 64742-89-8

Fraction By Weight: 20-25%

OSHA PEL300 PPM

ACGIH TLV: 300 PPM

TOLUENE (IARC CARC- GROUP 3) *95-2*

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 10-25%

OSHA PEL100 PPM

ACGIH TLV: 100 PPM

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

FILM FORMERS ROSINS, AND ADDITIVES (PROPRIETARY)

Fraction By Weight: 15%

LEAD, INORGANIC LEAD (IARC CARC GROUP 2B) *95-2*

CAS: 7439-92-1

RTECS: OF7525000

Fraction By Weight: 10%

OSHA PEL0.05 MG/CUM

ACGIH TLV: 0.15 MG/CUM

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

CHROMIUM VI, ION (CR 6+) *95-2*

CAS: 18540-29-9

RTECS: GB6262000

Fraction By Weight: 1%

OSHA PEL0.1 MG/CUM

ACGIH TLV: 50 UG/CUM (A1)

CALCIUM CARBONATE, DOMOLITE, LIMESTONE, WHITING

CAS: 1317-65-3

RTECS: EV9580000

Fraction By Weight: 30%

ACGIH TLV: 10 MG/CUM (DUST)

LEAD CHROMATE, CR, CHROME GREEN, CHROME YELLOW (HUMAN

CAS: 7758-97-6

RTECS: GB2975000

Fraction By Weight: 10%

OSHA PEL0.5 MG/CUM PB

ACGIH TLV: 0.05 MG/CUM CR (A2)

ALUMINUM SILICATE *95-2*

CAS: 1335-30-4

Fraction By Weight: 1%

ACGIH TLV: 10 MG/CUM

TALC (POWDER), (ASBESTOS FREE), TALCUM; HYDROUS MAGNESIUM

CAS: 14807-96-6

RTECS: WW2710000

Fraction By Weight: 1-5%

ACGIH TLV: 2 MG/CUM (RESP DUST)

Hazards

Routes of Entry: Inhalation: YES Skin: NO Ingestion: YES
Reports of Carcinogenicity: NTP: YES IARC: YES OSHA: NO
Health Hazards Acute and Chronic: INGESTION: HARMFUL/FATAL. EYES: IRRITANT. SKIN; MODERATE IRRITANT. PROLONGED/REPEATED CONTACT MAY CAUSE AN ALLERGIC REACTION. INHALATION: HARMFUL. MAY CAUSE IRRITATION OF THE RESPIRATORY SYSTEM & PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. LEAD-OVEREXPOSURE MAY AFFECT BLOOD, BLOOD FORMING TISSUES, KIDNEYS, LIVER & CNS.
Explanation of Carcinogenicity: SEE INGREDIENTS.
Effects of Overexposure: IRRITATION. OVEREXPOSURE TO LEAD: METALLIC TASTE, LOSS OF APPETITE, INDIGESTION, NAUSEA, VOMITING, CONSTIPATION, ABDOMINAL CRAMPS, DISTURBANCES OF REST & SLEEP, WEAKNESS, EYE WATERING, HEADACHES, DIZZINESS, LOSS OF COORDINATION, REDNESS, ITCHING, BURNING SENSATION, VISUAL DISTURBANCES, DRYING/CRACKING/SWELLING OF SKIN.

First Aid

First Aid: INGESTION: DON'T INDUCE VOMITING. EYES: FLUSH IMMEDIATELY W/PLENTY OF WATER FOR 15 MINS. SKIN; REMOVE PROMPTLY BY WIPING, FOLLOWED BY WATERLESS HAND CLEANER & SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. APPLY CPR & OTHER SUPPORTIVE MEASURES AS REQUIRED. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point Method: PMCC
Flash Point: 20F
Lower Limits: 1.2
Extinguishing Media: CO2, DRY CHEMICAL, UNIVERSAL AQUEOUS FILM FORMING FOAM DESIGNED TO EXTINGUISH FLAMMABLE LIQUID FIRES.
Fire Fighting Procedures: WATER SPRAY MAY BE INEFFECTIVE. WATER SPRAY MAY BE USED W/FOG NOZZLES TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILDUP/EXPLOSION. WEAR SCBA.
Unusual Fire/Explosion Hazard: CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. ISOLATE FROM IGNITION SOURCES. DON'T APPLY TO HOT SURFACES. TOXIC GASES MAY FORM W/FLAME/HOT SURFACE

Accidental Release

Spill Release Procedures: PROVIDE MAXIMUM VENTILATION. ONLY PERSONNEL EQUIPPED W/PROPER PROTECTIVE EQUIPMENT SHOULD BE PERMITTED IN THE AREA. REMOVE ALL IGNITION SOURCES. TAKE UP W/SAWDUST, VERMICULITE/OTHER ABSORBENT & PLACE INTO CONTAINERS FOR DISPOSAL.

Handling

Handling and Storage Precautions: DON'T STORE >120F. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED & PROTECTED FOR STORAGE OF FLAMMABLE LIQUIDS.
Other Precautions: CONTAINERS SHOULD BE GROUNDED WHEN POURING. AVOID FREE FALL OF LIQUIDS IN EXCESS OF A FEW INCHES.

Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED PAINT SPRAY/AIR SUPPLIED RESPIRATORS.

Ventilation:GENERAL DILUTION/LOCAL EXHAUST IN VOLUME & PATTERN TO KEEP THE CONCENTRATION BELOW EXPOSURE LIMITS.

Protective Gloves:NITRILE/NEOPRENE/POLYVINYL ALCOHOL

Eye Protection:CHEMICAL-TYPE SPLASH GOGGLES

Work Hygienic Practices:REMOVE, CLEAN/DISCARD CONTAMINATED CLOTHING & SHOES.

Supplemental Safety and Health

Chemical Properties

Boiling Pt:B.P. Text:172-467.6F

Vapor Pres:6.7

Vapor Density:>1

Spec Gravity:1.62

Evaporation Rate & Reference:(BU ACETATE=100): 164

Solubility in Water:0.1%

Percent Volatiles by Volume:46.10

Stability

Stability Indicator/Materials to Avoid:YES

STRONG ALKALIES, STRONG MINERAL ACIDS, STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HEAT, ELECTRICAL EQUIPMENT, SPARKS, OPEN FLAMES, HOT SURFACES

Hazardous Decomposition Products:CO, LEAD OXIDE, OXIDES OF CHROMIUM

Disposal

Waste Disposal Methods:EMPTY CONTAINERS SHOULD BE RECYCLED/DISPOSED OF THROUGH AN APPROVED WASTE MANAGEMENT FACILITY. WASTE MATERIAL MUST BE DISPOSED OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.