

COATING, POLYURETHANE BLACK 87030 ID 754203

MSDS Number

BNCJW

National Stock Number

8010-01-131-6254

Product Name

COATING, POLYURETHANE BLACK 87030 ID 754203

Manufacturer

PRATT AND LAMBERT INC INDUSTRIAL COATINGS DIV

Product Identification

Product ID: COATING, POLYURETHANE BLACK 87030 ID 754203

MSDS Date: 10/28/1991

FSC: 8010

NIIN: 01-131-6254

Kit Part: Y

MSDS Number: BNCJW

Responsible Party

PRATT & LAMBERT INC., INDUSTRIAL COATINGS DIV.

WICHITA, KS 67201

US

Emergency Phone: 800-255-3924

Info Phone: 316-733-1361

Preparer: W. A. ELLISON

Cage: PRATT

Contractor

PRATT AND LAMBERT INC

2153

CLEVELAND, OH 44101-1027

US

216-566-2902

Cage: 61196

Ingredients

PROPYLENE GLYCOL/METHYL ETHER ACETATE (SOLVENT) (VAPOR

CAS: 108-65-6

RTECS: AI8925000

Fraction By Weight: 15%

OSHA PEL NONE ESTABLISHED

ACGIH TLV: NONE ESTABLISHED

XYLENE (SOLVENT) (SARA 313) (VAPOR PRESSURE 5 MM HG @ 20

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: < 5%

OSHA PEL100 PPM/150 STEL
ACGIH TLV: 100 PPM/150 STEL
EPA Report Quantity: 1000 LBS
DOT Report Quantity: 1000 LBS

TOLUENE (SARA III)
CAS: 108-88-3
RTECS: XS5250000
Fraction By Weight: 5 - 10%
OSHA PEL200 PPM/150 STEL
ACGIH TLV: 50 PPM; 9293
EPA Report Quantity: 1000 LBS
DOT Report Quantity: 1000 LBS

SILICA, CRYSTALLINE - QUARTZ (PIGMENT)
CAS: 14808-60-7
RTECS: VV7330000
Fraction By Weight: < 1%
OSHA PELSEE TABLE Z3
ACGIH TLV: 0.1 MG/M3 RDUST;9293

SILICA, CRYSTALLINE - CRISTOBALITE (PIGMENT)
CAS: 14464-46-1
RTECS: VV7325000
Fraction By Weight: 10%
OSHA PELSEE TABLE Z3
ACGIH TLV: 0.05 MG/M3 RDUST9293

METHYL ETHYL KETONE (SOLVENT) (SARA 313) (VAPOR PRESSURE
CAS: 78-93-3
RTECS: EL6475000
Fraction By Weight: 15%
OSHA PEL200 PPM/300 STEL
ACGIH TLV: 200 PPM/300 STEL
EPA Report Quantity: 5000 LBS
DOT Report Quantity: 5000 LBS

SILICA, AMORPHOUS-DIATOMACEOUS EARTH (PIGMENT)
CAS: 68855-54-9
RTECS: HL8600000
Fraction By Weight: < 5%
OSHA PEL6 MG/M3; 20 MPPCF

ACGIH TLV: 10 MG/M3

SILICA, AMORPHOUS HYDRATED

CAS: 112945-52-5

RTECS: VV7310000

Fraction By Weight: 20%

OSHA PEL6 MG/M3

ACGIH TLV: 10 MG/M3

VOC 4.52 LB/GAL LESS WATER & NPRS* 542 G/L LESS WATER

RTECS: 9999999VO

VOC 12.00 LB/GAL SOLIDS 1440 G/L SOLIDS CALCULATED.

RTECS: 9999999VO

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:UNKNOWN IARC:YES
Health Hazards Acute and Chronic:INGEST: ASPIR OF MAT'L INTO LUNGS MAY CAUSE CHEM PNEUMONITIS(FATAL). INHAL: NOSE/THROAT IRRITATION. HIGH CONC MAY CAUSE ACUTE CENTRAL NERV SYS DEPRESS W/HEADACHES/DIZZINESS/NAUSEA/CONFUSION. EYE: SEVE RE IRRIT/CORNEAL DAMAGE. SKIN: LIQ MAT'L MAY BE ABSORBED THROUGH SKIN IN HARMFUL AMOUNTS. MAY CAUSE SEVERE SKIN IRRIT.
Effects of Overexposure:MAY CAUSE A PROGRESSIVELY DISABLING LUNG DISEASE. MAY CAUSE INJURY TO LIVER, KIDNEYS, BLOOD. PERIPHERAL NEUROPATHY. MAY CAUSE PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERAT ELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.
Medical Cond Aggravated by Exposure:KIDNEY, LUNG AND SPLEEN DAMAGE. MAY BE EMBRYOTOXIC, FETOTOXIC AND TERATOGENIC.

First Aid

First Aid:INGEST: DO NOT INDUCE VOMITING. CALL POISON CTR/HOSP EMER ROOM/DR IMMED. INHAL: REMOVE TO FRESH AIR IMMED. IF BREATH STOPPED, GIVE ARTIFICIAL RESP. KEEP WARM/QUIET. GET MED AID IMMED. EYE: FLUSH W/LG AMOUNTS OF WTR, LIFTING UPPER/LOWER LIDS OCCASSIONALLY FOR 15 MINS. GET MED AID. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREA WITH SOAP AND WATER. OBTAIN MEDICAL ATTN IF IRRITATION PERSISTS.

Fire Fighting

Flash Point:24.0F,-4.4C
Autoignition Temp:Autoignition Temp Text:572 F
Lower Limits:1.0
Upper Limits:10.0
Extinguishing Media:NFPA CLASS B FIRE EXTINGUISH (CARBON DIOXIDE/ALL PURP DRY CHEM/ALCOHOL FOAM) FOR FLAMM LIQ FIRES. POLYMER FOAM/LG FIRES.
Fire Fighting Procedures:WATER MAY BE INEFFECTIVE, USE TO COOL EXPOSED CNTNRS TO PREVENT PRESSURE BLD-UP/POSSIBLE AUTO-IGNIT OR EXPLO WHEN EXPO TO EXTREME HEAT. USE FOG NOZZLES W/WATER.
Unusual Fire/Explosion Hazard:DURING EMERGENCY CONDITIONS, OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. OBTAIN MEDICAL ATTN.

Accidental Release

Spill Release Procedures:EVAC AREA. ELIM ALL IGNIT SOURCES(FLAME/HOT SURFACE/ELEC/STATIC/FRICTIONAL SPARK). DIKE/CONTAIN SPILL W/INERT

MAT'L(SAND/EARTH). TRANS LIQ TO COVERED METAL CNTNRS FOR RECOVERY/DISPOSAL/RMV W/INERT ABS ORB. USE NON SPARK TOOLS. PLACE DIKING MAT'L IN**

Neutralizing Agent:N/K **COVERED METAL CNTNRS FOR DISPOSAL, PREVENT CONTAM OF SEWERS/STREAMS/**

Handling

Handling and Storage Precautions:DO NOT STORE ABOVE 115 F (46 C) STORE LARGE QUANTITIES IN COMPLIANCE WITH OSHA 29CFR1910.106.

***GROUNDWATER W/SPILLED MAT'L OR USED ABSORBENT.

Other Precautions:DONT INGEST. CLOSE CNTNR AFTER EACH USE. DONT BREATHE SANDING DUST. EMPTY CNTNRS MUST NOT BE WASHED/RE-USED. GROUND/BOND CNTNRS TO THE RECEIVING CNTNR. DONT WELD/BRAZE/CUT ON EMPTY CNTNR. NEVER USE PR ESS TO EMPTY. DRUM IS NOT A PRESS VESSEL

Exposure Controls

Respiratory Protection:APPROP PROPERLY FITTED POSITIVE PRESS AIR SUPPLIED RESP (TC 19C NIOSH/MSHA). IF UNAVAILABLE, USE VAPOR PARTICULATE (PAINT SPRAY) RESP. WEAR RESP FOR WHOLE TIME WHILE MIXING/SPRAYING/UNTIL VAPORS/MISTS ARE GONE. FOLLOW RESP MFR DIRECT TO USE

Ventilation:LOCAL EXHAUST VENT IN SUFFICIENT VOL/PATTERN TO MAINTAIN EXPOSURE BELOW NUSIANCE DUST LIMITS/PERMISSIBLE EXPOSURE LIMITS

Protective Gloves:SOLVENT IMPERMEABLE GLOVES.

Eye Protection:SAFETY SPECTACLES.

Supplemental Safety and Health

NOTE TO PHYSICIAN: ANY TREATMENT THAT MIGHT BE REQUIRED FOR OVEREXPOSURE SHOULD BE DIRECTED AT THE CONTROL OF SYMPTOMS AND THE CLINICAL CONDITIONS.

Chemical Properties

Boiling Pt:B.P. Text:175 - 281 F

Melt/Freeze Pt:M.P/F.P Text:-50 F

Decomp Temp:Decomp Text:1832F,1000C

Vapor Pres:70MMHG@68F

Vapor Density:> THAN AIR

Spec Gravity:1.3

pH:4-7STD

Viscosity:70-85 KU

Evaporation Rate & Reference:SLOWER THAN DIETHYL ETHER

Solubility in Water:SLIGHT

Appearance and Odor:LIQUID, SOLVENT ODOR.

Percent Volatiles by Volume:62

Stability

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS OR ALKALINE MATERIALS.

Stability Condition to Avoid:AVOID EXCESSIVE HEAT (>115 F (46 C) AND SOURCES OF IGNITION.

Hazardous Decomposition Products:BURNING, INCLUDING WHEN HEATED BY WELDING OR CUTTING, WILL PRODUCE SMOKE, CARBON MONOXIDE AND CARBON DIOXIDE.

Disposal

Waste Disposal Methods:DISPOSE IN ACCORDANCE W/FEDERAL, STATE & LOCAL LAWS/REGULATIONS. INCINERATE ONLY IN EPA PERMITTED FACILITY. DO NOT INCINERATE CLOSED CNTNRS. OBSERVE PRECAUTIONS FOR DISPOSAL OF FLAMM MAT'L. CONTAM ABS ORB MAY BE DISPOSED IN A HAZARDOUS WASTE LANDFILL.

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.