

PRATT & LAMBERT INC., INDUSTRIAL COATINGS DIV. -- COATING, POLYURETHANE, AIRCRAFT
WHITE 37875 -- 8010-01-144-9883

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

Product ID:COATING, POLYURETHANE, AIRCRAFT WHITE 37875

MSDS Date:10/28/1991

FSC:8010

NIIN:01-144-9883

Kit Part:Y

MSDS Number: BNCKH

=== Responsible Party ===

Company Name:PRATT & LAMBERT INC., INDUSTRIAL COATINGS DIV.

Box:2153

City:WICHITA

State:KS

ZI

P:67201

Country:US

Info Phone Num:316-733-1361

Emergency Phone Num:716-873-6000/DOT:800-255-3924

Preparer's Name:W. A. ELLISON

CAGE:PRATT

=== Contractor Identification ===

Company Name:PRATT & LAMBERT

Address:250 PETTIT AVE

Box:2153

City:BELLMORE

State:NY

ZIP:11710

Country:US

Phone:800-647-2253

CAGE:PRATT

Company Name:PRATT AND LAMBERT INC

Address:Box:6027

City:CLEVELAND

State:OH

ZIP:44101-1027

Country:US

Phone:216-566-2902

CAGE:61196

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

=====

Ingred Name:PROPYLENE GLYCOL/METHYL ETHER ACETATE (VAPOR PRESSURE 2 MM
HG @ 20 C) (SOLVENT)

CAS:108-65-6

RTECS #:AI8925000

Fraction by Wt: 15%

Other REC Limits:NONE SPECIFIED

OSHA PEL:NONE ESTABLISHED

ACGIH TLV:NONE ESTABLISHED

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:SILICA, CRYSTALLINE - CRISTOBALITE (PIG
MENT)

CAS:14464-46-1

RTECS #:VV7325000

Fraction by Wt: 15%

Other REC Limits:NONE SPECIFIED

OSHA PEL:SEE TABLE Z3

ACGIH TLV:0.05 MG/M3 RDUST9293

Ingred Name:TITANIUM DIOXIDE (PIGMENT)

CAS:13463-67-7

RTECS #:XR2275000

Fraction by Wt: 20%

Other REC Limits:NONE SPECIFIED

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:SILICA, AMORPHOUS HYDRATED (PIGMENT)

CAS:112945-52-5

RTECS #:VV7310000

Fraction by Wt: < 5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:6 MG/M3

ACGIH TLV:10 MG/M3

In

Ingredient Name: SILICA, AMORPHOUS-DIATOMACEOUS EARTH (PIGMENT)

CAS: 68855-54-9

RTECS #: HL8600000

Fraction by Wt: 5%

Other REC Limits: NONE SPECIFIED

OSHA PEL: 6 MG/M3; 20 MPPCF

ACGIH TLV: 10 MG/M3

Ingredient Name: TALC (PIGMENT)

CAS: 14807-96-6

RTECS #: WW2710000

Fraction by Wt: 5%

Other REC Limits: NONE SPECIFIED

OSHA PEL: 2 MG/M3 - 20 MPPCF

ACGIH TLV: 2 MG/M3 - 15 MPPCF

Ingredient Name: METHYL ETHYL KETONE (SOLVENT) (SARA 313) (VAPOR PRESSURE 70 MM HG @ 20 C) (LFL 2.0 / UFL 10.0)

CAS: 78-93-3

RTECS #: EL6475000

Fraction by Wt: 15%

Other REC Limits: NONE SPECIFIED

OSHA PEL: 200 PPM/300 STEL

ACGIH TLV: 200 PPM/300 STEL

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

Ingredient Name: VOC 4.46 LB/GAL LESS WATER & NPRS* 535 G/L LESS WATER CALCULATED *(NEGLIGIBLY PHOTOCHEMICALLY REACTIVE MATERIALS)

RTECS #: 9999999VO

Other REC Limits: NONE SPECIFIED

Ingredient Name: VOC 11.54 LB/GAL SOLIDS 1385 G/L SOLIDS CALCULATED. WGT LB/GAL 12.0

RTECS #: 9999999VO

Other REC Limits: NONE SPECIFIED

=====
Hazard Identification =====

Routes of Entry: Inhalation: YES Skin: YES Ingestion: NO

Reports of Carcinogenicity: NTP: UNKNOWN IARC: YES

Health Hazards Acute and Chronic: INGEST: GASTROINTESTINAL

IRRIT/NAUSEA/VOMITING. ASPIR OF MAT'L INTO LUNG MAY CAUSE CHEM PNEUMONITIS (FATAL). INHAL: NOSE/THROAT IRRIT. HIGH CONC MAY CAUSE ACUTE CENTRAL NERV SYS DEPRESS W/HEADACHES/DIZZINESS/NAUSEA/CONFUSION. EYE: SEVERE IRRIT/CORNEAL DAMAGE. SKIN: LIQ MAT'L MAY BE ABSORBED THROUGH SKIN IN

HARMFUL AMTS*

Explanation of Carcinogenicity:IARC GROUP 2A PER CRYSTALLINE SILICA.

*MAY CAUSE SEVERE SKIN IRRITATION.

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 DELIBERATELY 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 Measures**=====

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 Measures**=====

Flash Point:24.0F,-4.4C

Autoignition Temp:Autoignition Temp Text:572 F

Lower Limits:1.7

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 Measures**=====

Spill Release Procedures:EVAC AREA. ELIM ALL INGIT 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 and Storage =====

Handling and Storage Precautions:DO NOT STORE ABOVE 115 F (46 C) STORE LG QUANTITIES IN COMPLIANCE WITH OSHA 29CFR1910.106.
**GROUNDWATER W/SPILLED MAT'L OR USED ABSORBENT.

Other
Precautions:DO NOT INGEST. CLOSE CNTNR AFTER EACH USE. DONT BREATHE SANDING DUST. EMPTY CNTNRS MUST NOT BE WASHED/RE-USED. GROUND/BOND CONTAINERS TO THE RECEIVING CNTNR. NEVER USE PRESSURE TO EMPTY. DRUM IS NOT A PRESSURE VESSEL

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

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.

Other Protective Equipment:NOT LIKELY TO BE NEEDED.

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.

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

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

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

Decomp Temp:Decomp Text:1832 F

Vapor Pres:70MMHG@68F

Vapor Density:> THAN AIR

Spec Gravity:1.4

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:61

=====
===== Stability a

nd Reactivity Data =====

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 Considerations =====

Waste Disposal Methods: DISPOSE IN ACCORDANCE W/FEDERAL, STATE & LOCAL
LAW/REGULATIONS. INCINERATE ONLY IN EPA PERMITTED FACILITY. DO NOT
INCINERATE CLOSED CONTAINERS. OBSERVE PRECAUTIONS FOR DISPOSAL OF FLAMMABLE
MATERIAL. CONTAMINATED 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.