

PRATT AND LAMBERT INC -- COATING, ALIPH, POLYUR GREEN 383, 34094 -- 8010-01-229-9561
===== Product Identification =====

Product ID:COATING, ALIPH, POLYUR GREEN 383, 34094

MSDS Date:11/13/1991

FSC:8010

NIIN:01-229-9561

MSDS Number: BMXKW

=== Responsible Party ===

Company Name:PRATT AND LAMBERT INC

Address:16116 E 13TH ST

Box:2153

City:WICHITA

State:KS

ZIP:67201

Country:US

Info Phone Num:316-733-13

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Emergency Phone Num:716-873-6000 DOT EMER 8002553924

CAGE:61196

=== Contractor Identification ===

Company Name:PRATT AND LAMBERT INC

Box:6027

City:CLEVELAND

State:OH

ZIP:44101-1027

Country:US

Phone:216-566-2902

CAGE:61196

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

Ingred Name:XYLENE (SARA III) (VAPOR PRESSURE 5 MM @ 20 C) (LFL 1.0;
UFL 7.0)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 15%

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM/150 PPM STEL

ACGIH TL

V:100 PPM/150 PPM STEL
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ETHYL BENZENE (SARA III) (SKIN) (VAPOR PRESSURE 1 MM HG @
20 C) (LFL 1.0; UFL 6.7)

CAS:100-41-4

RTECS #:DA0700000

Fraction by Wt: 5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM/125 PPM STEL

ACGIH TLV:100 PPM/125 PPM STEL

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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 TL

V:50 PPM; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:SOLVENT NAPHTHA, HEAVY AROMATIC

CAS:64742-94-5

RTECS #:SE7546500

Other REC Limits:NONE SPECIFIED

Ingred Name:METHYL ISOBUTYL KETONE (SARA III) (VAPOR PRESSURE 16 MM HG
@ 20 C) (LFL 1.0; UFL 8.0)

CAS:108-10-1

RTECS #:SA9275000

Fraction by Wt: 5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM/75 STEL

ACGIH TLV:50 PPM/75 STEL; 9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:SILICA, CRYSTALLINE - CRISTOBALITE
CA

S:14464-46-1
RTECS #:VV7325000
Other REC Limits:NONE SPECIFIED
OSHA PEL:SEE TABLE Z3
ACGIH TLV:0.05 MG/M3 RDUST9293

Ingred Name:SILICA, AMOPHOUS-DIATOMACEOUS EARTH (MPPCF 20)
CAS:68855-54-9
RTECS #:HL8600000
Other REC Limits:NONE SPECIFIED
OSHA PEL:6 MG/M3
ACGIH TLV:10 MG/M3

Ingred Name:SILICA, CRYSTALLINE
CAS:14808-60-7
RTECS #:VV7330000
Other REC Limits:NONE SPECIFIED
OSHA PEL:SEE TABLE Z3
ACGIH TLV:0.1 MG/M3 RDUST;9293

Ingred Name:CHROMIUM III OXIDE (SARA 313)
CAS:1308-38-9
RTECS #:GB64750
00
Fraction by Wt: 10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.5000 MG/M3
ACGIH TLV:0.5000 MG/M3

Ingred Name:TITANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:ISOPHORONE DIISOCYANATE (SARA III) (SKIN) (VAPOR PRESSURE
1 MM HG @ 20 C)
CAS:4098-71-9
RTECS #:NQ5400000
Other REC Limits:NONE SPECIFIED
OSHA PEL:S 0.005PPM/0.02STEL
ACGIH TLV:0.005 PPM; 9394

Ingred Name:DIBUTYLTIN TIN DILAURATE (

SKIN)
CAS:77-58-7
RTECS #:WH7000000
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.1000 MG/M3
ACGIH TLV:0.1000 MG/M3

Ingred Name:POLYMERIC HEXAMETHYLENE DIISOCYANATE
CAS:28182-81-2
RTECS #:HQ9170000
Other REC Limits:MFR 1 MG/M3

Ingred Name:SOLVENT, NAPHTHA, LIGHT AROMATIC
CAS:64742-95-6
Other REC Limits:NONE SPECIFIED

Ingred Name:N-BUTYL ACETATE (SARA III) (VAPOR PRESSURE 10 MM HG @ 20
C) (LFL 1.7; UFL 7.6)
CAS:123-86-4
RTECS #:AF7350000
Other REC Limits:NONE SPECIFIED
OSHA PEL:150 PPM/200 P
PM STEL
ACGIH TLV:150 PPM/200 PPM STEL
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:1,6-HEXANE METHYLENE DIISOCYANATE
CAS:822-06-0
RTECS #:MO1740000
Other REC Limits:MFR 0.0050 PPM
ACGIH TLV:.0050 PPM/.0350MG/M3
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:VOC: 3.49 LB/GAL LESS WATER & NPRS * 419 G/L LESS WATER
CALCULATED (*NEGLEGIBLY PHOTOCHEMICALLY REACTIVE MATERIALS)
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

Ingred Name:VOC: 10.8 LB/GAL SOLIDS; 6.81 G/L SOLIDS; 817 G/

L SOLIDS

CALCULATED

RTECS #:9999999VO

Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:UNKNOWN IARC:YES

Health Hazards Acute and Chronic:INGEST: MAY BE FATAL. GASTROINTEST
IRRIT. ASPIRATION OF MAT'L INTO LUNG MAY CAUSE CHEM PNEUMONITIS
(CAN BE FATAL). INHAL: HARMFUL, LUNG DAMAGE, LUNG IRRIT, ALLERGIC
RESP REACTION, RESP SENSITIZATION, NOS

E, THROAT IRRIT, CENTRAL

NERV SYS DEPRESS. EYE: IRRIT. SKIN: HARMFUL, IRRIT, SKIN
SENSITIZATION, SILICOSIS, LUNG *

Explanation of Carcinogenicity:CRYSTALLINE SILICA IS GROUP 2A

CARCINOGEN (LIMITED CARCINOGENICITY). CHROMIUM & CHROM COMPOUNDS
ARE GROUP 1 CARCINOGENS.

Effects of Overexposure:INGEST: NAUSEA, VOMITING. INHALATION: CNS:
HEADACHES, DIZZINESS, NAUSEA, CONFUSION. SKIN: DEFATTING.

* DISEASE, LIVER, KIDNEY AND BLOOD INJURY. OCCUPATIONAL
OVEREXPOSURE

TO SOLVENT S: PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE.

CONCENTRATING & INHALING CONTENTS MAY BE HARMFUL OR FATAL.

Medical Cond Aggravated by Exposure:PREEXISTING RESPIRATORY CONDITIONS
MAY BE AGGRAVATED BY EXPOSURE TO CRYSTALLINE SILICA.

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

First Aid:INGEST: DO NOT INDUCE VOMITING. CALL POISON CONTROL CENTER,
HOSPITAL EMERG ROOM OR DR IMMED. INHALATION: REMOVE TO FRESH AIR
IMMED. IF BREATHING STOPPED, GIVE ARTIF

RESPIRATION. KEEP

WARM/QUIET. GET M ED AID IMMED. EYE: FLUSH W/WATER, LIFTING UPPER &
LOWER LIDS OCCASIONALLY, 15 MIN. GET MED AID. SKIN: REMOVE CONTAM
CLOTH. WASH W/SOAP & WATER. GET MED AID, IF IRRIT PERSISTS.

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

Flash Point:40.0F,4.4C

Extinguishing Media:NFPA CLASS B EXTINGUISHERS (CARBON DIOXIDE, DRY
CHEMICAL, ALCOHOL FOAM, POLYMER FOAM IS PREFERRED FOR LARGE FIRES.

Fire Fighting Procedures:DURING EMERGENCY C

CONDITIONS, OVEREXPOSURE TO

DECOMP PROD MAY CAUSE HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. GET MEDICAL AID. WARNING: FLAMMABLE.

Unusual Fire/Explosion Hazard: WEAR SCBA. WATER (FOG NOZZLES PREFERRED) MAY BE INEFFECTIVE, MAY BE USED TO COOL EXPOSED CONTAINERS TO PREVENT PRESSURE BUILDUP/AUTO IGNITION/EXPLOSION WITH HEAT.

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

Spill Release Procedures: USE RESPIRATOR, EYE/HAND/BODY PROTECTION FOR SIZE OF SPILL & EXPOSURES. EVACUATE

NON-ESSENTIAL. NO IGNITION SOURCES.

DIKE/CONTAIN SPILL WITH INERT ABSORBENT. TRANSFER LIQUID (COVERED METAL CONTAINERS) FOR RECOVERY/DISPOSITION OR REMOVE WITH INERT ABSORBENT. USE NON-SPARKING TOOLS. PUT **

Neutralizing Agent: N/A ** USED ABSORBENT IN COVERED METAL CONTAINER. PREVENT CONTAMINATION OF STREAM/GROUNDWATER/SEWER.

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

Handling and Storage Precautions: DON'T STORE ABOVE 115°F. STORE LARGE QUANTITY IN COMPLIANCE WITH OSHA 29CFR 1910.106. DON'T INGEST. CLOSE CONTAINER AFTER

USE. DON'T BREATHE/GET IN EYES/SKIN/CLOTHING.

Other Precautions: THIS PRODUCT SHOULD NOT BE USED BY PERSONS WHO HAVE HAD CHRONIC (LONG TERM) BREATHING PROBLEMS OR REACTIONS TO ISOCYANATES. DO NOT BREATHE VAPOR SPRAY MIST. KEEP AWAY FROM HEAT/IGNITION SOURCES. USE WITH VENTILATION. DON'T WASH/REUSE EMPTY CONTAINERS. ***

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

Respiratory Protection: WEAR FITTED POSITIVE PRESSURE AIR SUPPLIED RESPIRATOR (TC 19C NIOSH/MSHA) WHILE EXPOSED.

IF NOT AVAILABLE, USE VAPOR PARTICULATE (PAINT

SPRAY) RESPIRATOR THAT MANUFACTURER RECOMMENDS AS EFFECTIVE FOR ISOCYANATE VAPOR/MIST. WEAR RESPIRATOR WHILE MIXING/SPRAYING/TILL VAPOR GONE. #

Ventilation: PROVIDE GENERAL DILUTION/LOCAL EXHAUST VENT (VOLUME/PATTERN) TO KEEP CONCENTRATION BELOW TLV. REMOVE DECOMP PROD WHEN WELDING/CUTTING

Protective Gloves: WEAR APPROPRIATE IMPERMEABLE GLOVES.

Eye Protection: SAFETY GLASSES, CHEMICAL SPLASH GOGGLES

Other Protective Equipment: EYEWASH FACILITY, SAFETY SHOWER AS REQUIRED TO PREVENT SKIN CONTACT

TACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

*** GROUND/BOND CNTNRS TO RECEIVING CNTNR. DON'T WELD, BRAZE, CUT ON
EMPTY CNTNR. NEVER USE PRESSURE TO EMPTY. DRUM NOT PRESSURE VESSEL.

FOLLOW RSRPRTR MFR'S DIRECTIONS FOR USE. USE POS PRESS AIR SUPP
RSRPRTR (NIOSH TC19C) REFER TO OSHA 29 CFR1910.134.

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

HCC:F2

Boiling Pt:B.P. Text:139 TO 396F

Vapor Density:

> AIR

Spec Gravity:1.3

Evaporation Rate & Reference:SLOWER THAN DIETHYL ETHER

Percent Volatiles by Volume:48

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS OR ALKALINE MATERIALS. OXIDIZING MATERIALS.

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

Hazardous Decomposition Products:W/HEAT: CO, CO2, OXIDES OF
NITROGEN/CHROMIUM. REACTION W/WATER: CO2 (MAY PRESSURIZE CNTNR).

WELD/BRAZING: METAL OXIDES.

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

Waste Disposal Methods:DISPOSE IN ACCORD W/FED, STATE & LOCAL
LAWS/REGULATIONS. INCINERATE ONLY IN EPA PERMITTED FACILITY. DO NOT
INCINERATE CLSD CNTNRS. OBSERVE PRECAUTIONS FOR DISPOSAL OF FLAMM
MAT'L. CONTAM ABSORB MAY BE DISPOSED IN A HAZARDOUS WASTE
LANDFILL. D001.

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