

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

Product ID:LACQUER CAMOUFLAGE BLACK 37038 ID 787727

MSDS Date:08/11/1992

FSC:8010

NIIN:00-664-7651

MSDS Number: BQMGJ

=== 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:316-733-1361

Emergency Phone Num:873-6000 DOT EMER 8002553924

Preparer's

Name:W. A. ELLISON

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 (SOLVENT) (SARA 313) (VAPOR PRESSURE 5 MM HG @ 20C)
(LFL 1.0 / UFL 7.0)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM/STEL 150 PPM

ACGIH TLV:100 PPM/STEL 150 PPM

EP

A Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:CARBON BLACK (PIGMENT)
CAS:1333-86-4
RTECS #:FF5800000
Fraction by Wt: < 5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:3.50 MG/M3
ACGIH TLV:3.50 MG/M3

Ingred Name:SILICA, CRYSTALLINE - CRISTOBALITE (PIGMENT)
CAS:14464-46-1
RTECS #:VV7325000
Fraction by Wt: 5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:SEE TABLE Z3
ACGIH TLV:0.05 MG/M3 RDUST9293

Ingred 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

Ingred Name:SILICA, CRYSTALLINE - QUARTZ (PIGMENT)
CAS:14808-60-7
RTECS #:VV7330000
Fraction by Wt: < 1%
Other REC Limits:NONE SPECIFIED
OSHA PEL:SEE TABLE Z3
ACGIH TLV:0.1 MG/M3 RDUST;9293

Ingred Name:TALC (PIGMENT)
CAS:14807-96-6
RTECS #:MW2700000
Fraction by Wt: 10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:2 PPM/20 MPPCF
ACGIH TLV:2 PPM/15 MPPCF

Ingred Name:ETHYL BENZENE (SARA 313) (VAPOR PRESSURE 1 MM

HG @ 20C)
(LFL 1.0 / UFL 6.7) (SKIN)
CAS:100-41-4
RTECS #:DA0700000
Fraction by Wt: < 5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM/STEL 125 PPM
ACGIH TLV:100 PPM/STEL 125 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:TOLUENE (SOLVENT) (SARA 313) (VAPOR PRESSURE 22 MM HG @
20C) (LFL 1.7 / UFL 7.1)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 20%
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:TRIARYL PHOSPHATE
CAS:68937-41-7
Fraction by Wt: 5%
Other REC Limits:NONE SPECIFIED

Ingred Name:TRIPHENYL PHOSPHATE (VAPOR PRESSURE 1 MM HG @ 20C)
CAS:115-86-6
RTECS #:TC8400000
Fraction by Wt: < 1%
Other REC Limits:NONE SPECIFIED
OSHA PEL:3 MG/M3
ACGIH TLV:3 MG/M3

Ingred Name:ISOBUTYL ALCOHOL (SOLVENT) (VAPOR PRESSURE 10 MM HG @ 20C)
(LFL 1.0 / UFL 11.0)
CAS:78-83-1
RTECS #:NP9625000
Fraction by Wt: 10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM
ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ISOBUTYL ACETATE (SOLVENT) (LFL 2.0 / UFL 11.0)
CAS:110-19-0
RTECS #:AI4025000
Fraction by Wt: 10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:150 PPM/700 MG/M3
ACGIH TLV:150 PPM/700 MG/M3
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ISOPROPYL ALCOHOL (SOLVENT) (VAPOR PRESSURE 33 MM HG @ 20C)
(LFL 3.0 / UFL 13.0)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:400 PPM/STEL 500 PPM
ACGIH TL
V:400 PPM/STEL 500 PPM

Ingred Name:NITROCELLULOSE (RESIN)
CAS:9004-70-0
RTECS #:QW0970000
Fraction by Wt: 5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:NONE ESTABLISHED
ACGIH TLV:NONE ESTABLISHED

Ingred Name:METHYL ISOBUTYL KETONE (SOLVENT) (SARA 313) (VP: 16 MMHG @
20C) (LFL 1.0 / UFL 8.0)
CAS:108-10-1
RTECS #:SA9275000
Fraction by Wt: 10%
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:VOC: 6.52

(GRAMS/LITER)
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO
Health Hazards Acute and Chronic:INGEST: GASTROINTESTINAL IRRITATION,
NAUSEA AND VOMITING. ASPIRATION OF MATERIAL INTO LUNG: CHEMICAL
PNEUMONITIS. INHAL: NOSE OR THROAT IRRITATION. ACUTE CNS DEPRESSION
W/HEADACHES, DIZZINESS, NAUSEA, CONFUSI
ON. EYE: IRRITATION. SKIN:
IRRITATION AND DEFATTING.
Explanation of Carcinogenicity:IARC CONSIDERS CRYSTALLINE SILICA TO
HAVE LIMITED EVIDENCE OF CARCINOGENICITY.
Effects of Overexposure:SILICOSIS, LIVER-KIDNEYS-BLOOD INJURY.
NEUROTOXICITY WITH ATAXIA (MUSCULAR INCOORDINATION). PERMANENT
BRAIN AND NERVOUS SYSTEM DAMAGE. KIDNEY LUNG AND SPLEEN DAMAGE.
MISUSE OF PRODUCT MAY BE HARMFUL OR FATAL.
Medical Cond Aggravated by Exposure:NOTE TO PHYSICIAN: ANY TREATMENT
THAT MIGHT B
E REQUIRED FOR OVEREXPOSURE SHOULD BE DIRECTED AT THE
CONTROL OF SYMPTOMS AND THE CLINICAL CONDITIONS.

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

First Aid:INGEST: DO NOT INDUCE VOMITING. CALL POISON CENTER, HOSPITAL
EMERGENCY ROOM OR DR IMMED. INHAL: REMOVE TO FRESH AIR IMMED. IF
BREATHING STOPPED, GIVE ARTIFICIAL RESP. KEEP WARM/QUIET-GET MED
AID IMMED . EYE: FLUSH W/WTR-15 MINS, LIFTING LIDS OCCASIONALLY.
GET MED AID. SKIN: REMOVE CONTAMINATED C
LOTHING. WASH AFFECTED AREA
WITH SOAP AND WATER. OBTAIN MEDICAL ATTENTION IF IRRITATION
PERSISTS.

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

Flash Point:40.0F,4.4C
Autoignition Temp:Autoignition Temp Text:572F
Lower Limits:1.0%
Upper Limits:13.0%
Extinguishing Media:NFPA CLASS B FIRE EXTING (CO2-ALL PURPOSE DRY
CHEM-ALCOHOL FOAM) MADE TO EXTING FLAMM LIQ FIRES. POLYMER FOAM-LG
FIRES
Fire Fighting Procedures:WATER MAY BE INEFFECTIVE, MAY BE USED TO COOL

EXPOSED CNTNR-PREVENT PRESSURE BLDUP/AUTO EXPLOSION WHEN EXPOSED TO EXTREME HEAT. FOG NOZZLES PREFERRED W/WATER
Unusual Fire/Explosion Hazard:DURING EMERGENCY CONDITIONS, OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS DELAYED. GET MEDICAL ATTENTION. WARNING] FLAMMABLE.

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

Spill Release Procedures:EVAC AREA-ELIM IGNIT SRCS. DIKE AND CONTAIN W/INERT MATL-TRANSFER LIQ TO COVERED METAL CNTNR. USE NON-SPARK TOOL. DISPOSE ABSORB DIKING MATL IN COVERED METAL CNTNR. PREVENT CONTAMINATION OF SEWER-STRE AM-GROUNDWATER WITH SPILLED MATL OR USED ABSORBENT

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

Handling and Storage Precautions:DO NOT STORE ABOVE 115F (46C). STORE LARGE QUANTITIES IN COMPLIANCE WITH OSHA 29CFR1910.106
Other Precautions:DO NOT INGEST. CLOSE CNTNR AFTER USE. EMPTY CNTNRS MUST NOT BE WASHED OR RE-USED FOR ANY PURPOSE. CNT NRS SHOULD BE GROUNDED/BONDED TO RECEIVING CNTNR. DO NOT WELD-BRAZE-CUT ON EMPTY CNTNR-NEVER USE PR ESS TO EMPTY. DRUM IS NOT A PRESS VESSEL

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

Respiratory Protection:IF WELL VENTED RESP NOT REQ. RESTRICTED VENT, ORGANIC VAPOR RESP REQ. SPRAY, MECH PREFILTER ALSO REQ. CONFINED, AIR SUPPLY RESP REQ. ABOVE TLV, RESP W/APPROP PROTECT FACTOR. SEE OSHA 29CFR1910.134 & R ESP PROTECT-MANUAL & GUIDELINE (AIHA)

Ventilation:PROVIDE LOCAL EXHAUST VENTILATION IN SUFFICIENT VOLUME/PATTERN TO MAINTAIN EXPOS BELOW NUSIANCE DUST LIMITS/PEL.

Protective Gloves:SOLVENT IMPERMEABLE

Eye Protection:SAFETY GLASSES/CHEMICAL SAFETY GOGGLES

Other Protective Equipment:EYEWASH STATION, SAFETY SHOWER

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:B.P. Text:180-518F

Melt/Freeze Pt:M.P/F.P Text:-50F,-46C

Vapor Pres:33 @ 68F

Vapor Density:> THAN AIR

Spec G

ravity:1.0
pH:4-7STD
Viscosity:> 200 CST
Evaporation Rate & Reference:SLOWER THAN DIETHYL ETHER
Solubility in Water:SLIGHT IN WATER
Appearance and Odor:LIQUID, SOLVENT ODOR
Percent Volatiles by Volume:77

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

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS OR ALKALINE MATERIALS.
Stability Condition to Avoid:AVOID EXCESSIVE HEAT (>115F (46C) AND
SOURCES OF IGNITION
Hazardous Decomposition Products:BURNING WHEN HEATED
BY
WELDING/CUTTING, WILL PRODUCE SMOKE-CO-CO2. IN ADDITION OXIDES OF
NITROGEN, MAY BE GENERATED.

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

Waste Disposal Methods:DISPOSE IN ACCORD W/FEDERAL-STATE-LOCAL LAWS AND
REGULATIONS. INCINERATE ONLY IN EPA FACILITY. DO NOT INCINERATE
CLOSED CNTNRS. OBSERVE PRECAUTIONS FOR DISPOSAL OF FLAMM MATL. MAY
DISPOSE CONTAMINATED ABSORB IN HAZARDOUS WASTE LANDFILL. RCRA:
D001

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