

DESOTO INC PACIFIC PLANT IS COURTLANDTS AEROSPACE -- SD AL POLY 15044 BLUE --
8010-00-181-8284

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

Product ID:SD AL POLY 15044 BLUE

MSDS Date:01/15/1991

FSC:8010

NIIN:00-181-8284

Kit Part:Y

MSDS Number: BKZXH

=== Responsible Party ===

Company Name:DESOTO INC PACIFIC PLANT IS COURTLANDTS AEROSPACE

Address:1608 4TH ST

City:BERKELEY

State:CA

ZIP:94710

Country:US

Info P

hone Num:818-549-7823

Emergency Phone Num:800-228-5635 /800-424-9300 CHEMTREC

CAGE:85570

=== Contractor Identification ===

Company Name:DESOTO INC PACIFIC PLANT IS COURTLANDTS AEROSPACE

Address:1608 4TH ST

Box:City:BERKELEY

State:CA

ZIP:94710

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Phone:800-228-5635 /800-424-9300 CHEMTREC

CAGE:85570

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

Ingred Name:ETHYLENE GLYCOL (SARA III)

CAS:107-21-1

RTECS #:KW2975000

Fraction by Wt: 5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:C 50 PPM
ACGIH TLV:C 50 PPM,VAPOR; 9192
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:TRIMETHYLOLPROPANE (VP: 1 MM HG)
CAS:77-99-6
Fraction by Wt: 5%
Other REC Limits:NONE SPECIFIED

Ingred Name:DICARBOXYLIC ACID (VP: 1 MM HG)
CAS:123-99-9
RTECS #:CM1980000
Fraction by Wt: 15%
Other REC Limits:NONE SPECIFIED

Ingred Name:PHTHALIC ANHYDRIDE (SARA III)
CAS:85-44-9
RTECS #:TI3150000
Fraction by Wt: 10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:2 PPM
ACGIH TLV:1 PPM; 9293
EPA Rpt Qty:5000 L
BS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ISOBUTYL KETONE (SARA III)
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:N-BUTYL ACETATE (SARA III)
CAS:123-86-4
RTECS #:AF7350000
Fraction by Wt: 15%
Other REC Limits:NONE SPECIFIED
OSHA PEL:150 PPM/200 STEL
ACGIH TLV:150 PPM/200STEL;9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:NONHAZARDOU

S ADDITIVES, RESIN AND PIGMENTS (TRADE SECRET)

(VP: 0 MM HG)

Fraction by Wt: < 5%

Other REC Limits:NONE SPECIFIED

Ingred Name:ETHYL ACETATE (SARA III)

CAS:141-78-6

RTECS #:AH5425000

Fraction by Wt: 25%

Other REC Limits:NONE SPECIFIED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:PIGMENT BLUE 15:2 74160 (VP: 0 MM HG)

CAS:147-14-8

Fraction by Wt: < 5%

Other REC Limits:NONE SPECIFIED

Ingred Name:CARBON BLACK

CAS:1333-86-4

RTECS #:FF5800000

Fr

Fraction by Wt: < 5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:3.5 MG/M3

ACGIH TLV:3.5 MG/M3; 9192

Ingred Name:TITANIUM DIOXIDE

CAS:13463-67-7

RTECS #:XR2275000

Fraction by Wt: < 5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:CYCLOHEXANONE (SARA III)

CAS:108-94-1

RTECS #:GW1050000

Fraction by Wt: < 5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:S, 50 PPM

ACGIH TLV:S, 25 PPM; 9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:VOC: 568 G

RAMS/LITER
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALE:NASAL/RESPIRATORY
IRRITATION,ACUTE CENTRAL NERVOUS SYSTEM
DEPRESSION-HEADACHE,DIZZINESS,STAGGERING GAIT, CONFUSION OR
UNCONSCIOUSNESS.ASPHYXIATION. SKIN: PROLONG/REPEAT CONTACT CAUSES
IRRITATION, DEFAT
TING OR DERMATITIS. EYE: IRRITATION. INGEST: MAY
CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING & DIARRHEA.
Effects of Overexposure:REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED
OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND
NERVOUS SYSTEM DAMAGE. POSSIBLE LIVER DAMAGE.
Medical Cond Aggravated by Exposure:BIRTH DEFECTS HAVE BEEN OBSERVED IN
TESTS ON LAB ANIMALS EXPOSED TO ETHYLENE GLYCOL BY MOUTH.

===== First Aid Measures =====
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First Aid:INHALATION: REMOVE PERSON TO FRESH AIR. GIVE ARTIFICIAL
RESPIRATION IF REQUIRED. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
KEEP WARM & QUIET. GET MEDICAL ATTN. SKIN: WASH AREAS WITH SOAP &
WATER. DO NOT USE SOLVENTS. REMOVE CONTAMINATED CLOTHING & WASH
BEFORE REUSE. GET MEDICAL ATTN. EYES: FLUSH WITH WATER FOR 15
MINUTES. GET MEDICAL ATTN. PREFER AN OPHTHALMOLOGIST. INGESTION: GET
MEDICAL ATTENTION.

===== Fire Fighting Measures =====
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Flash Point:31.0F,-0.6C
Lower Limits:NE
Extinguishing Media:EXTINGUISHERS (CARBON DIOXIDE, DRY CHEMICAL OR
FOAM).
Fire Fighting Procedures:WATER SPRAY MAY BE INEFFECTIVE, USE TO COOL
EXPOSED CNTNRS (FOG NOZZLE PREFERRED). USE NIOSH/MSHA APPR'D SELF-
CONTAINED BREATHING APPARATUS & PROTECT CLOTHES.
Unusual Fire/Explosion Hazard:VAPORS MAY:ACCUMULATE IN CONFINED AREAS;
FORM EXPLOSIVE MIX W/AIR; TRAVEL LONG DISTANCES. FLASHBACK/FLAME TO
HANDLING SITE MAY OCCUR. C

LOSED CNTNRS MAY EXPLODE.

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

Spill Release Procedures:REMOVE IGNITE SOURCES. WEAR PERSONAL PROTECTIVE EQUIP. AVOID BREATHING VAPORS & SKIN OR EYE CONTACT. USE NON- SPARK TOOLS. USE EMERGENCY RESPONSE PRO IF MANAGING RELEASE IS BEYOND CAPABILITY OF IN-HOU SE PERSONS. SM:DIKE & ABSORB W/INERT MATERIAL.

Neutralizing Agent:DEPEND ON QUANT & CIRCUM UNAUTHORIZED SPILLS REPORTED TO NAT'L RESPONSE CNTR.

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

Handling and Storage Precautions:KEEP CNTNR TIGHTLY CLOSED. ISOLATE FROM HEAT, ELEC EQUIPMENT, SPARKS. DO NOT STORE ABOVE 120F. STORE FLAMM LIQ IN ACCORD W/NFPA CODES/GOVERNMENT REGS.

Other Precautions:USE GROUND/BOND PROCEDURES WHEN TRANSFERRING. AVOID FREE FALL OF LIQ. DO NOT SMOKE WHERE MATERIAL IS USED OR STORED.DO NOT APPLY TO HOT SURFACES.EMPTIES MAY CONTAIN EXPLOSIVE VAPORS.DO NOT CUT, PUNCTU RE, WELD ON DRUM.DO NOT TAKE INTERNALLY.

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

Respiratory Protection:TLV'S EXCEEDED/SPRAY MIST PRESENT: USE NIOSH/MSHA APPROVED RESPIRATORY PROTECTION APPROPRIATE FOR INDICATED COMPONENTS. CONFINED AREAS: NIOSH APPR'D AIR SUPPLIED RESPIRATORS. FOLLOW OSHA REGULATIONS (29CFR1910.134) FOR RESPIRATOR USE.

Ventilation:GENERAL DILUTION/LOCAL EXHAUST VENTILATION IN VOLUME/PATTERN TO KEEP LEVEL OF HAZARD INGREDIENT BELOW TLV/PEL LIMIT

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Protective Gloves:WEAR CHEMICALLY RESISTANT GLOVES

Eye Protection:SAFETY GLASSES W/SIDESHIELDS OR GOGGLES

Other Protective Equipment:AVOID SKIN CONTACT BY USE OF OTHER PROTECTIVE CLOTHING. A SAFETY SHOWER, EYE BATH & WASHING FACILITIES.

Work Hygienic Practices:WASH CONTAMINATED CLOTHING BEFORE REUSE. AVOID SKIN CONTACT & BREATHING VAPORS OR MIST.

Supplemental Safety and Health

DO NOT CONCENTRATE & INHALE VAPORS. PREVENT PROLONG CONTACT W/CONTAMINATED CLOTHES. VAPORS OF THIS PR

ODUCT ARE HEAVIER THAN AIR

& MAY COLLECT IN LOW OR CONFINED AREAS. DO NOT ENTER SUCH AREAS W/
OUT F OLLOWING APPROPRIATE PROCEDURES INCLUDING AIR MONITORING, USE
OF SUPPLIED AIR IF NECESSARY & AN OBSERVER FOR ASSISTANCE.

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

HCC:F2

Boiling Pt:B.P. Text:171 TO 552F

Vapor Density:> AIR

Evaporation Rate & Reference:SLOWER THAN N-BU AC

Appearance and Odor:LIQUID, SOLVENT ODOR

Percent Volatiles by Volume:63.1

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

Stability Indicator/Materials to Avoid:YES

Hazardous Decomposition Products:PRODUCTS OF COMBUSTION ARE HAZARDOUS
INCLUDING CARBON MONOXIDE AND CARBON DIOXIDE.

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

Waste Disposal Methods:ENSURE MATERIAL IS PACKAGED, STORED, TRANSPORTED
& OTHERWISE MANAGED IN ACCORD W/LOCAL, STATE & FED REGS. NO DISPOSAL
METHOD IS TO BE USED THAT WOULD POSE ENVIR OR HUMAN HEALTH
THREAT
INCLUDING ANY WHI CH WOULD CONTAMINATE GROUND/SURFACE WATER.

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