

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 Phone Num:818-549-7823

Emergency Phone Num:800-228-5635 /800-424-9

300 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

Country:US

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 LBS

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/200 STEL; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:NONHAZARDOUS 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  
Fraction by Wt: < 5%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:3.5 M  
G/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 GRAMS/LITER  
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: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  
IRRITATIO N, DEFATTING OR DERMATITIS. EYE: IRRITATION. INGEST: MAY  
CAUSE GASTRO  
INTESTINAL 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 =====

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 =====

Flash Point:31.0F,-0.6C  
Lower Limits:NE  
Extinguis  
hing 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. CLOSED 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 LIMITS. 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 PRODUCT ARE HEAVIER THAN AIR & MAY COLLECT IN LOW OR CONFINED A

REAS. 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

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

Stab

ility 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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