

DESOTO AEROSPACE COATINGS, INC -- EPOXY PRIMER PC 519X303 -- 8010-00-139-3661  
===== Product Identification =====

Product ID:EPOXY PRIMER PC 519X303  
MSDS Date:12/21/1990  
FSC:8010  
NIIN:00-139-3661  
Kit Part:Y  
MSDS Number: BMSJL  
=== Responsible Party ===  
Company Name:DESOTO AEROSPACE COATINGS, INC  
Address:1608 FORTH STREET  
City:BERKELEY  
State:CA  
ZIP:94710  
Country:US  
Info Phone Num:818-549-7822  
Emerge  
ncy Phone Num:800-228-5635/800-424-9300  
CAGE:DESOT  
=== Contractor Identification ===  
Company Name:DESOTO AEROSPACE COATINGS, INC  
Address:1608 FOURTH STREET  
City:BERKELEY  
State:CA  
ZIP:94710  
Country:US  
Phone:818-549-7822  
CAGE:DESOT

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

Ingred Name:EPOXY RESIN (VAPOR PRESSURE 0 MM HG)  
CAS:25068-38-6  
RTECS #:KD4380000  
Fraction by Wt: 20%  
Other REC Limits:NONE SPECIFIED

Ingred Name:TOLUENE (SARA III)  
CAS:108-88-3  
RTECS #:XS5250000  
F

raction 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:BISPHENOL A EPOXY RESIN (VAPOR PRESSURE 0 MM HG)  
CAS:67924-34-9  
Fraction by Wt: 5%  
Other REC Limits:NONE SPECIFIED

Ingred Name:N-BUTYL ACETATE (VAPOR PRESSURE 8.4 MM HG)  
CAS:123-86-4  
RTECS #:AF7350000  
Fraction by Wt: 20%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:150 PPM/200 PPM STEL  
ACGIH TLV:150 PPM/200 PPM STEL  
EPA Rpt Qty:5000 LBS  
DOT Rpt Q  
ty:5000 LBS

Ingred Name:TOLUENE DIISOCYANATE (VAPOR PRESSURE 0 MM HG)  
CAS:584-84-9  
RTECS #:CZ6300000  
Fraction by Wt: < 5%.  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:C,0.02 PPM/0.02 STEL  
ACGIH TLV:0.005PPM/0.02STEL;93  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

Ingred Name:N-BUTANOL (SARA 313) (VAPOR PRESSURE 4.4 MM HG)  
CAS:71-36-3  
RTECS #:EO1400000  
Fraction by Wt: < 5%.  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM  
ACGIH TLV:S, C 50 PPM; 9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Nam

e:METHYL ETHYL KETONE (SARA 313) (VAPOR PRESSURE 74.9 MM HG)  
CAS:78-93-3  
RTECS #:EL6475000  
Fraction by Wt: 25%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:200 PPM/300 PPM STEL  
ACGIH TLV:200 PPM/300 PPM STEL  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:STRONTIUM CHROMATE (SARA III)  
CAS:7789-06-2  
RTECS #:GB3240000  
Fraction by Wt: 10%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:0.1 PPM CRO3;CEILING  
ACGIH TLV:0.0005MG CR/M3;A2;93  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

Ingred Name:AMORPHOUS SILIC  
A (VAPOR PRESSURE 0 MM HG)  
CAS:63231-67-4  
Fraction by Wt: < 5%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:5 MG/M3  
ACGIH TLV:10 MG/M3

Ingred Name:ALUMINUM (SARA 313) (VAPOR PRESSURE 0 MM HG)  
CAS:7429-90-5  
RTECS #:BD0330000  
Fraction by Wt: 5%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:15 MG/M3  
ACGIH TLV:10 MG/M3

Ingred Name:HIGH FLASH NAPHTHA (VAPOR PRESSURE 2 MM HG)  
CAS:64742-95-6  
Fraction by Wt: < 5%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM  
ACGIH TLV:100 PPM

Ingred Name:XYLENE (SARA 313)

(VAPOR PRESSURE 10 MM HG)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: < 5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM/150 PPM STEL

ACGIH TLV:100 PPM/150 PPM STEL

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:PHTHALO GREEN PIGMENT (VAPOR PRESSURE 0 MM HG)

CAS:1328-53-6

RTECS #:GE4300000

Fraction by Wt: < 5%

Other REC Limits:NONE SPECIFIED

Ingred Name:VOC: 602 GRAMS/LITER

RTECS #:9999999VO

Other REC Limits:NONE SPECIFIED

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

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

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

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, DEFATTING OR DERMATITIS. EYE: IRRITATION. INGEST: MAY

CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING & DIARR

HEA

Explanation of Carcinogenicity:THE CHROMIUM COMPOUND IS LISTED AS A

CARCINOGEN BY THE IARC & NTP.

Effects of Overexposure:ASPIRATION OF MATERIAL INTO THE LUNGS CAN CAUSE

CHEMICAL PNEUMONITIS WHICH CAN BE FATAL. REPORTS HAVE ASSOCIATED

REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH

PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. EFFECT INCLUDE

CONCENTRATION DIFFICULTIES, DIMINISHED MANUAL DEXTERITY AND MEMORY

LOSS.

Medical Cond Aggravated by Exposure:SKI

N,LUNG,EYE CONDITIONS. LAB

ANIMALS EXPOSED TO TOLUENE HAD DAMAGED LIVER, KIDNEYS, LUNG, SPLEEN. XYLENE CAUSES LIVER, KIDNEY, LUNG, SPLEEN, HEART, ADRENALS DAMAGE. PREG LAB MICE,EMBRYO/ FETO EFFECTS

=====  
===== 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 Method:SCC

Flash Point:22.0F,-5.6C

Lower Limits:1.

Extinguishing Media:EXTINGUISHERS (CARBON DIOXIDE, DRY CHEMICAL OR FOAM)

Fire Fighting Procedures:WATER MAY BE INEFFECTIVE,USE TO COOL FIRE EX

POSED CNTNRS. FOG NOZZLE IS PREFERABLE. WEAR NIOSH/MSHA APPROVED SELF- CONTAINED BREATHING APPARATUS/PROTECT CLOTHES

Unusual Fire/Explosion Hazard:VAPORS MAY ACCUMULATE IN CONFINED AREAS, FORM EXPLOSIVE MIX W/AIR. VAPORS MAY TRAVEL DISTANCES & FLASHBACK OR FLAME TO THE HANDLING SITE. CNTNRS MAY EXPLODE.

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

Spill Release Procedures:REMOVE ALL 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 -HOUSE PERSONS. SM:DIKE & ABSORB W/INERT MATERIAL.

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. ISOLATE FROM HEAT,ELEC EQUIP,SPARKS. DO NOT STORE ABOVE 120F. STORE FLAMMABLE LIQ IN ACCORD W/NFPA CODES/GOVERNMENT REG

Other Precautions:FOLLOW GROUND/BOND PROCEDURES WHEN TRANS

FERRING.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, PUNCT URE, 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

DEPENDING ON AMOUNT & CIRCUMSTANCES, UNAUTHORIZED RELEASE OF MATERIAL INTO ENVIRONMENT MAY BE REPORTABLE UNDER FEDERAL LAW TO THE NATIONAL RESPONSE CENTER(800-424-8802). STATE & LOCAL GOVERNMENTAL AGENCIES MAY ALSO HAVE REPORTING REQUIREMENTS OF WHICH YOU SHOULD BE AWARE.

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

HCC:F2

Boiling Pt:B.P. Text:175 TO 500F

Vapor Density

> THAN AIR

Spec Gravity:< WATER

Evaporation Rate & Reference:SLOWER THAN N-BU AC

Appearance and Odor:LIQUID, SOLVENT ODOR

Percent Volatiles by Volume:71.9

=====  
===== 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

AL 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.

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 informati

on 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.