

DESOTO INC PACIFIC PLANT -- MIL-P-23377F TYPE 1/CLASS 2, PRIMER COATING --  
8010-01-139-3550

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

Product ID:MIL-P-23377F TYPE 1/CLASS 2, PRIMER COATING

MSDS Date:02/07/1991

FSC:8010

NIIN:01-139-3550

MSDS Number: BLLXP

=== Responsible Party ===

Company Name:DESOTO INC PACIFIC PLANT

Address:1608 4TH ST

City:BERKELEY

State:CA

ZIP:94710

Country:US

Info Phone Num:818-549-  
7823

Emergency Phone Num:800-228-5635

Chemtrec Ind/Phone:(800)424-9300

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:EPOXY RESIN

CAS:28064-14-4

Fraction by Wt: 25% %

Other REC Limits:NONE SPECIFIED

Ingred Name:METHYL N-AMYL KETONE

CA

S:110-43-0  
RTECS #:MJ5075000  
Fraction by Wt: 5% %  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM  
ACGIH TLV:50 PPM; 9192

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: < 5%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM/150 STEL  
ACGIH TLV:100 PPM/150STEL;9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:ETHYL-3-ETHOXY PROPIONATE  
CAS:763-69-6  
Fraction by Wt: < 5%  
Other REC Limits:NONE SPECIFIED

Ingred Name:TOLUENE (SARA III)  
CAS:1  
08-88-3  
RTECS #:XS5250000  
Fraction by Wt: 10% %  
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:STRONTIUM CHROMATE (SARA III)  
CAS:7789-06-2  
RTECS #:GB3240000  
Fraction by Wt: 25% %  
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:SILICA, CRYSTALLINE - QUARTZ  
CAS:14808-60-7  
RTECS #:VV7330000  
Fraction by Wt: 20% %  
Othe

r REC Limits:NONE SPECIFIED  
OSHA PEL:SEE TABLE Z3  
ACGIH TLV:0.1 MG/M3 RDUST;9293

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:EPOXY RESIN  
CAS:37312-33-7  
Fraction by Wt: < 5%  
Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:NOT SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Sk  
in:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:RESPIRATORY TRACT IRRITATION, CENTRAL  
NERVOUS SYSTEM DEPRESSION, ASPHYXIATION, SKIN IRRITATION,  
DEFATTING, DERMATITIS, EYE IRRITATION, GASTROINTESTINAL IRRITATION,  
CHEMICAL PNEUMONITIS. PROLONGED EXPO SURE HAS BEEN ASSOCIATED WITH  
PERMANENTBRAIN AND NERVOUS SYSTEM DAMAGE.  
Explanation of Carcinogenicity:HEXAVALENT CHROMIUM COMPOUND IS LISTED  
AS CARCINOGEN; CRYSTALLIN  
E SILICA HAS AN IARC RATING OF 2A-PROBABLY  
CARCINOGENIC.  
Effects of Overexposure:HEADACHE, DIZZINESS, STAGGERING GAIT,  
CONFUSION, UNCONSCIOUSNESS, NASAL IRRITATION, RESPIRATORY  
IRRITATION, SKIN IRRITATION, DEFATTING, EYE IRRITATION, NAUSEA,  
VOMITING, DIARRHEA. PROLONGED CONTACT MA Y RESULT IN CONCENTRATION  
DIFFICULTIES,DIMINISHED ACTUAL DEXTERITY AND MEMORY LOSS.  
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN, LUNG AND EYE  
CONDITIONS MAY BE AGGRAVATED BY EXPOSURE.

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

First Aid:INHALATION: REMOVE TO FRESH AIR FROM EXPOSURE. GIVE  
ARTIFICIAL RESPIRATION OR CARDIOPULMONARY RESUSCITATION IF  
REQUIRED. IF BREATHING IS DIFFICULT, GIVE OXYGEN. KEEP WARM AND  
QUIET. SKIN: WASH AFFECTE D AREAS WITH SOAP AND WATER. DO NOT  
USESOLVENTS. REMOVE CONTAMINATED CLOTHING. EYES: FLUSH WITH WATER  
FOR 15 MINUTES. INGESTION: GET MEDICAL ATTENTION. GET MEDICAL  
ATTENTION IN ALL CASES.

=====

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

Flash Point:54.0F,12.2C

Lower Limits:1.05 %

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL OR FOAM

Fire Fighting Procedures:WATER SPRAY MAY BE INEFFECTIVE. COOL FIRE EXPOSED CONTAINERS WITH WATER. FOG NOZZLES ARE PREFERRABLE. WEAR NIOSH/MSHA APPROVED SCBA.

Unusual Fire/Explosion Hazard:VAPORS MAY ACCUMULATE IN INADEQUATELY VENTILATED OR CONFINED AREAS. VAPORS MAY FORM EXPLOSIVE MIXTURES WITH AIR. VAPORS MAY TRAVEL LONG DISTANCES.

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

Spill Release Procedures:MAY BE REPORTABLE. REMOVE ALL SOURCES OF IGNITION. WEAR PERSONAL PROTECTIVE EQUIPMENT TO AVOID BREATHING VAPORS AND SKIN AND EYE CONTACT WITH SPILLED MATERIAL. USE NON-SPARKING TOOLS. DIKE IF NECESSARY , AND ABSORB WITH INERT MATERIAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage

Precautions:KEEP CONTAINER TIGHTLY CLOSED.

GROUNDING AND BONDING PROCEDURES SHOULD BE FOLLOWED WHEN TRANSFERRING THIS MATERIAL.

Other Precautions:AVOID FREE FALL OF LIQUID. DO NOT SMOKE WHERE THIS MATERIAL IS USED OR STORED. DO NOT APPLY TO HOT SURFACES. EMPTY DRUMS MAY CONTAIN EXPLOSIVE VAPORS. DO NOT CUT, PUNCTURE OR WELD ON OR NEAR DRUM. DO NOT TAKE INTERNALLY.

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

Respiratory Protection:IN AREAS WHERE

TLV'S MAY BE EXCEEDED OR IF SPRAY

MIST IS PRESENT, USE NIOSH/MSHA APPROVED RESPIRATORY PROTECTION APPROPRIATE FOR INDICATED COMPONENTS. IN CONFINED AREAS USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATORS.

Ventilation:GENERAL DILUTION OR LOCAL EXHAUST VENTILATION IN VOLUME AND PATTERN TO KEEP LEVEL OF HAZARDOUS INGREDIENTS BELOW TLV'S

Protective Gloves:CHEMICALLY RESISTANT GLOVES

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS

Other Protective Equipment:PROTECTIVE CLOTHING TO AVOID

D SKIN CONTACT.

SAFETY SHOWER AND EYE BATH AND WASHING FACILITIES SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

DO NOT TAKE INTERNALLY. DO NOT DELIBERATELY CONCENTRATE THIS PRODUCT AND INHALE THE VAPORS. PREVENT PROLONGED CONTACT WITH CONTAMINATED CLOTHING. VAPORS ARE HEAVIER THAN AIR AND MAY COLLECT IN LOW OR CONFINED AREAS. DO NOT ENTER SUCH AREASW

ITHOUT FOLLOWING

APPROPRIATE PROCEDURES INCLUDING AIR MONITORING.

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

HCC:F2

Boiling Pt:B.P. Text:232F,111C

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Decomp Temp:Decomp Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:> AIR

Spec Gravity:1.54

Evaporation Rate & Reference:< 1 (N-BUTYL ACETATE=1)

Solubility in Water:NIL

Appearance and Odor:YELLOW LIQUID, SOLVENT ODOR

Percent Volatiles by Volume:42.3 %

===== Stabil  
ity and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT,  
SPARKS AND FLAME.

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

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

Waste Disposal Methods:INSURE THAT MATERIAL IS PACKAGED, STORED AND  
TRANSPORTED AND OTHERWISE MA

NAGED IN ACCORDANCE WITH LOCAL, STATE  
AND FEDERAL REGULATIONS. NO DISPOSAL METHOD IS TO BE USED THAT  
WOULD POSE AN ENVIRONMENTAL OR HUMAN HEALTH THREAT.

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 information 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.