

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:818-549-7

823

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

CAS

: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:10
8-88-3
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% %
Other

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 Ski

n: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 EXPOSURE HAS BEEN ASSOCIATED WITH PERMANENTBRAIN AND NERVOUS SYSTEM DAMAGE.

Explanation of Carcinogenicity:HEXAVALENT CHROMIUM COMPOUND IS LISTED AS CARCINOGEN; CRYSTALLINE 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 MAY 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.

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First Aid Measures
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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 USE SOLVENTS. REMOVE CONTAMINATED CLOTHING. EYES: FLUSH WITH WATER FOR 15 MINUTES. INGESTION: GET MEDICAL ATTENTION. GET MEDICAL ATTENTION IN ALL CASES.

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Fire Fighting Measures
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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.

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Accidental Release Measures
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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.

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Handling and Storage
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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.

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Exposure Controls/Personal Protection
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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 SKIN CONTACT.

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

Work Hygienic Practices: WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT. LAUNDRY 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 AREAS WITHOUT 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 %

===== Stability 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 MONOXIDE AND CARBON DIOXIDE.

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

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

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

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