

DESOTO AEROSPACE COATINGS, INC -- HI TEMP PRIMER CURING SOLUTION -- 8010-00-139-3661
===== Product Identification =====

Product ID:HI TEMP PRIMER CURING SOLUTION
MSDS Date:01/17/1991
FSC:8010
NIIN:00-139-3661
Kit Part:Y
MSDS Number: BMSJM
=== Responsible Party ===
Company Name:DESOTO AEROSPACE COATINGS, INC
Address:1608 FORTH STREET
City:BERKELEY
State:CA
ZIP:94710
Country:US
Info Phone Num:818-5
49-7822
Emergency 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:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 30%
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:ISOPROPYL ALCOHOL (VAPOR PRESSURE 33 MM HG)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 50%

Other REC Limits:NONE SPECIFIED

OSHA PEL:400 PPM/500 PPM STEL

ACGIH TLV:400 PPM/500 PPM STEL

Ingred Name:ALIPHATIC AMINE (VAPOR PRESSURE 0 MM HG)

CAS:90-72-2

RTECS #:SN3500000

Fraction by Wt: 5%

Other REC Limits:NONE SPECIFIED

Ingred Name:ORGANOSILANE ESTER (VAPOR PRESSURE 1 MM HG)

CAS:1760-24-3

RTECS #:KV7400000

Fraction by Wt: 10%

Other REC Limits:NONE SPECIFIED

In

gred Name:VOC: 703 GM/L

RTECS #:9999999VO

Other REC Limits:NONE SPECIFIED

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

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

Health Hazards Acute and Chronic:INHALE: NASAL/RESPIRATORY

IRRITATION,ACUTE CENTRAL NERVE SYST-DEPRESSION-HEADACHE, DIZZINESS,
STAGGERING GAIT, CONFUSION,UNCONSCIOUSNESS. ASPHYXIATION.SKIN:

PROLONG/REPEAT CONTACT CAUSES IRRITATION, D EFATTING OR DERMATITIS.

EYE:IRRITATION,BURNS.ING

EST: MAY CAUSE GASTROINTESTINAL IRRITATION,

NAUSEA, VOMITING & DIARRHEA.

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 N ERVOUS SYSTEM DAMAGE. EFFECTS INCLUDE

CONCENTRATION DIFFICULTIES, DIMINISHED MANUAL DEXTERITY AND MEMORY

LOSS.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN, LUNG & EYE

CONDITIONS. LABORATORY ANIMALS EXPOSED TO HIGH DOSES OF TOLUENE SHOWED EVIDENCE OF EFFECTS IN THE LIVER, KIDNEYS, LUNG AND SPLEEN.

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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.

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Fire Fighting Measures
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Flash Point Method:SCC
Flash Point:37.0F,2.8C
Lower Limits:1.2
Extinguishing Media:EXTINGUISHERS (CARBON DIOXIDE, DRY CHEMICAL OR FOAM)
Fire Fighting Procedures:WATER MAY BE INEFFECTIVE,USE TO COOL FIRE EXPOSED CNTNRS. FOG NOZZLE IS PREFERABLE. WEAR NIOSH/MSHA APPROVED SEL
F- 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.

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Accidental Release Measures
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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 PR
O IF MANAGING RELEASE IS
BEYOND CAPABILITY OF IN -HOUSE PERSONS. SM:DIKE & ABSORB W/INERT MATERIAL.

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Handling and Storage
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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 TRANSFERRING.AVOID FREE FALL OF LIQ.DO NOT SMOKE WHERE MATERIAL IS USED O

R STORED.DO

NOT APPLY TO HOT SURFACES.EMPTIES MAY CONTAIN EXPLOSIVE VAPORS.DO
NOT CUT, PUNCT URE, WELD ON DRUM.DO NOT TAKE INTERNALLY

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===== 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 (2 9CFR1910.134) FOR
RESPIRATOR USE.

Ventilation:GE

NERAL 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 Sa

fety 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
AGE NCIES MAY ALSO HAVE REPORTING REQUIREMENTS. DO NOT ENTER
CONFINED AREAS W/OUT AIR MONITORING, USE OF SCBA & OBSERVER.

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

HCC:F2

Boiling Pt:B.P. Text:180 TO 498F

Vapor Density:> THAN AIR

Spec Gravity:

< WATER

Evaporation Rate & Reference:SLOWER THA N-BU AC

Appearance and Odor:LIQUID, SOLVENT ODOR

Percent Volatiles by Volume:86.5

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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.

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

Waste Disposal Methods:ENSURE MATERIAL IS PACKAGED, STORED, TRA

NSPORTED

& 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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