

CHEMICAL SPECIALISTS & DEVELOPMENT -- THINNER AIRCRAFT COATING -- 8010-00-280-1751  
===== Product Identification =====

Product ID:THINNER AIRCRAFT COATING

MSDS Date:09/01/1990

FSC:8010

NIIN:00-280-1751

MSDS Number: BJYVS

=== Responsible Party ===

Company Name:CHEMICAL SPECIALISTS & DEVELOPMENT

Address:# 5 HACKBERRY LANE

City:CUT & SHOOT

State:TX

ZIP:77303

Country:US

Info Phone Num:409-756-1065

Eme

rgency Phone Num:800-424-9300

Preparer's Name:DAVID SHIPP

CAGE:CHEMS

=== Contractor Identification ===

Company Name:CHEMICAL SPECIALISTS INC

Address:149 WEST TRIGG AVE

City:HARRISBURG

State:NC

ZIP:28075

Country:US

Phone:704-522-0825

CAGE:CHEMS

Company Name:CSD INC. (PRE 1985 NAME: MATHEWS, INC)

Address:420 SEABOARD DRIVE

Box:City:MATTHEWS

State:NC

ZIP:28105-5073

Country:US

Phone:704-821-9822

CAGE:5W216

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

Ingred Name:METHYL ETHY

L KETONE (2-BUTANONE) (MEK) (SARA III)

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 30.5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:200 PPM/300 STEL

ACGIH TLV:200 PPM/300STEL 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:HEXYL ACETATE MIXED ISOMERS

CAS:88230-35-7

Fraction by Wt: 41.0%

Other REC Limits:SUPPLIER:50 PPM

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 10.5%

Other REC Limits:\*

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:

1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:N-BUTYL ACETATE (SARA III)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: 11.0%

Other REC Limits:NONE SPECIFIED

OSHA PEL:150 PPM/200 STEL

ACGIH TLV:150 PPM/200STEL;9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 7.0%

Other REC Limits:\*\*

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 BEN

ZENE (SARA III)  
CAS:100-41-4  
RTECS #:DA0700000  
Fraction by Wt: 18-20%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM/125 STEL  
ACGIH TLV:100 PPM/125STEL 9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Health Hazards Acute and Chronic:OVEREXPOSURE TO THIS MATERIAL HAS BEEN SUGGESTED AS A CAUSE OF THE FOLLOWING EFFECTS IN HUMANS: CARDIAC ABNORMALITY, LIVER ABNORMALITIES.  
Effects of Overexposure:EYES:IRRIT,REDNESS,TEARING.SKIN:IRRITATION, DEFATTING,DERMATITIS.BREATHING NASAL AND RESPIRATORY IRRIT,CENTRAL NERVOUS SYSTEM EFFECTS,DIZZINESS,WEAKNESS,FATIGUE,NAUSEA,HEADACHE AND POSSIBLE UNCONSCIOUSNESS/DEATH.SWALLOWING:GASTROINTESTINALIRRIT,NAUSEA,VOMITING, DIARRHEA.

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

First Aid:SKIN:WASH W/SOAP/WATER.REMOVE CONTAM CLOTHES.WASH CLOTHES BEFORE RE-USE.EYES:FLUSH W/LOTS OF WATER,LIFTING UPPER/LOWER LIDS.GET MED ATTN.SWALLOWED:DO NOT INDUCE VOMIT.KEEP PERSON WARM,QUIET.GET MED AT TN.ASPIRATION OF MAT'L INTO LUNGS DUE TO VOMIT CAN CAUSE CHEM PNEUMONITIS.BREATHED.REMOVE TO FRESH AIR.IF BREATHING IS DIFFICULT GIVE O 2.IF BREATHING STOP GIVE CPR.KEEP WARM/QUIET.GET MED ATTN.

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

Flash Point:20F/-6.7C  
Lower Limits:1.0  
Extinguishing Media:REGULAR FOAM OR CARBON DIOXIDE OR DRY CHEMIC

AL.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE WHEN FIGHTING FIRES.

Unusual Fire/Explosion Hazard:NEVER USE WELD/CUT TORCH ON/NEAR DRUM.ALL 5 GAL/+PAILS SHOULD BE BONDED WHEN MAT'L IS TRAN.VAPORS HEAVIER THAN AIR/ TRAVEL ALONG GROUND/VENT TO DISTANCE/FLASHBA

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

Spill Release Procedures:ABSORB LIQUID ON PAPER,VER MICULITE,FLOOR

ABSORB/OTHER ABSORB MAT'L.ELIMIN ALL IGNITION SOURCES.PERSONS NOT WEARING PROTECT EQUIP,EXCLUDE FROM AREA.STOP SPILL,DIKE AREA,PUMP LIQUID TO SALVAGE TANK.PREV ENT RUNOFF TO SEWERS,ETC.IF RUNOFF OCCUR,CALL AUTH

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

Other Precautions:CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED.SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES,ALL HAZARDOUS PRECAUTIONS BE OBSERVED.

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Exposure Controls/Personal Protection =====

Respiratory Protection:IF WORKPLACE EXPOS LIMIT IS EXCEEDED,AN APPROVED AIR SUPPLIED RSPRTR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. OSHA REGS ALSO PERMITS OTHER RSPRTR UNDER SPECIFIED CONDITIONS.ENGINEER/ ADM IN CONTROL SHOULD BE USED TO MAINT LIMIT

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV'S.

Protective Gloves:POLYETHYLENE GLOVES

Eye Prot

ection:CHEM SPLASH GOGGLES OR SAFETY GLASSES

Other Protective Equipment:TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS.

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:B.P. Text:179F/79C

Melt/Freeze Pt:M.P/F.P Text:-20F,-29C

Vapor Pres:35.1

Vapor Density:3.4

Spec Gravity:0.850

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:MODERATE

Appearance and Odor:CLEAR, LITT

LE IF ANY COLOR, CHARACTERISTIC ODOR  
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:MAY FORM TOXIC MATERIALS: CARBON  
DIOXIDE AND CARBON MONOXIDE,VARIOUS HYDROCARBONS, ETC.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE  
AND F

EDERAL REGULATINS.

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