

CSD, INC -- THINNER, AIRCRAFT COATING -- 8010-00-181-8079

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

Product ID:THINNER, AIRCRAFT COATING

MSDS Date:09/17/1986

FSC:8010

NIIN:00-181-8079

MSDS Number: CBSYL

=== Responsible Party ===

Company Name:CSD, INC

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Info Phone Num:409-756-1065

Emergency Phone Num:409-756-1065

CAGE:0LWP6

=== Contractor Identification ===

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC

Address:2210 HACKBERRY LN

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-756-1065

CAGE:4N760

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

Company Name:CSD, INC

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:800-424-9300

CAGE:0LWP6

Company Name:LOCKHEED MARTIN, ENVIRONMENTAL SYSTEMS &

Box:UNKNOW

CAGE:NO725

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Composition/Information on Ingredients
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Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 8% MAX

OSHA PEL:100 PPM/150 STEL

ACGIH TLV:100 PPM/150STEL;9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 12% MAX

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:PROPYLENE GLYCOL METHYL ETHER ACE
TATE

CAS:108-65-6

RTECS #:AI8925000

Fraction by Wt: 40-45%

OSHA PEL:NONE ESTABLISHED

ACGIH TLV:NONE ESTABLISHED

Ingred Name:N-BUTYL ACETATE (SARA III)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: 10-13%

OSHA PEL:150 PPM/200 STEL

ACGIH TLV:150 PPM/200STEL;9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 30-33%

OSHA PEL:200 PPM/300 STEL

ACGIH TLV:200 PPM/300STEL 9192

EPA Rpt Qty:5000 LBS

D

OT Rpt Qty:5000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:LIVER AND KIDNEY DAMAGE. BRAIN CELL
DAMAGE MAY RESULT FROM LONG TERM INHALATION OF TOLUENE VAPORS.
Effects of Overexposure:EYE:MAY BE IRRITANT; SKIN: PROLONGED/ REPEATED
MAY RESULT IN DERMATITIS. INHAL: RESPIRATORY TRACT IRRITATION,
ANESTHESIA IN HIGH CONCENTRATIONS, NAUSEA AND VOMITING.

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

First Aid:EYE:FLUSH WITH LARGE QUANTITIES OF WATER FOR 15 MINUTES &
SEEK IMMEDIATE MEDICAL ATTENTION. SKIN: WASH WITH LARGE QUANTITIES
OF WATER & SEEK MEDICAL ATTENTION. INHAL:DIZZINESS, LIGHTHEADEDNESS
OCCUR VI CTIM SHOULD SEEK FRESH AIR. IF VICTIM IS NOT BREATHING GIVE
ARTIFICIAL RESPIRATION & SEEK MEDICAL ATTENTION
IMMEDIATELY: CONTACT PHYSICIAN IMMEDIATELY OR POISON CENTER
213-664-2121 (24 HOUR NO.)

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

Flash Point Method:TCC
Flash Point:42F/5.56C
Lower Limits:1.7
Extinguishing Media:FOAM, CO2, DRY CHEMICAL
Fire Fighting Procedures:USE S.C.B.A. FOR FIRE FIGHTERS. WATER MAY BE
UNUSABLE AS AN EXTINGUISHING MEDIA, BUT HELPFUL IN KEEPING
ADJACENT CONTAINERS COOL.
Unusual Fire/Explosion Hazard:AVOID SPREADING BURNING LIQUID WITH WATER
USED FOR COOLING PURPOSES. KEEP WORK AREAS FREE OF HOT METAL
SURFACES AND OTHER SOURCES OF IGNITION.

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

Spill Release Procedures:KEEP SOURCES OF IGNITION/HT MTL SURFACES
ISOLATED FROM SPILL.FLUSH SPILLED MATL WITH LARGE QUANTITY OF
WATER. SMALL SPILLS CAN BE ABSORBED INTO APPR. ABSORBANT.

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

Handling and Storage Precautions:KEEP CONTAINERS COOL, DRY, ADEQUATE
VENTILATION, & AWAY FROM SOURCES OF IGNITION. KEEP PRODUCT
CONTNR CLOSED WHEN NOT IN

USE.

Other Precautions:AVOID INHALATION OF VAPORS. SHOULD CONTACT BE MADE,
REMOVE SATURATED CLOTHING AND FLUSH AFFECTED AREAS WITH WATER.

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

Respiratory Protection:DEPENDS ON VAPOR CONCENTRATION ABOVE THE TLV.;
USE A NIOSH APPROVED CARTRIDGE RESPIRATOR OR GAS MASK.

Ventilation:LOCAL EXHAUST OR MECHANICAL IF SUFFICIENT TO KEEP VAPOR
CONCENTRATION WITHING SPECIFIED TLV RANGES.

Protective Gloves:IMPERMEABLE GLOVES

Eye Pr

tection:SAFETY GLASSES,CHEM GOGGLES/FACESHIELDS

Other Protective Equipment:IMPERMEABLE APRONS, EYE WASHES AND SAFETY
SHOWERS

Supplemental Safety and Health

LOCKHEED MARTIN SUPPLIED A COPY OF THE HMIS RECORD PRINTED FROM THE
APRIL 1995 CD-ROM. RECORD WAS FOR THIS NSN, CAGE 5W216, P/N IND B,
FOCAL POINT G. RECORD WAS COPIED IN.

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

HCC:F2

Boiling Pt:=79.4C, 175.F

Melt/Freeze Pt:=-28.9C, -20.F

Vapor Pres:35.1

Vapor Dens

ity:3.4

Spec Gravity:.887

Evaporation Rate & Reference:ETHER 16.8

Solubility in Water:5%

Appearance and Odor:CLEAR, LITTLE IF ANY COLOR, CHARACTERISTIC ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS,ACIDS OR BASES, SELECTED AMINES,
HALOGENS/HALOGENS COMPOUNDS, ALKALIES

Hazardous Decomposition Products:THERMAL DECOMPOSITION IN THE PRESENCE
OF AIR MAY YIELD CA

RBON MONOXIDE/DIOXIDE.

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

Waste Disposal Methods:DISPOS OF IN ACCORDANCE W/FEDERAL,STATE,LOCAL, & COUNTY REGULATIONS. PREVENT LIQUID FROM ENTERING SEWERS,STORM DRAINS, SEWAGE TREATMENT/DRAINAGE SYS.AND NATURAL WATERWAYS.

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