

CSD, INC -- THINNER, AIR CRAFT COATING -- 8010-01-200-2637

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

Product ID:THINNER, AIR CRAFT COATING

MSDS Date:10/01/1990

FSC:8010

NIIN:01-200-2637

MSDS Number: CCMJV

=== 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

Preparer's Name:DAVID SHIPP

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

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:800-424-9300

CAGE:0LWP6

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

Ingred Name:PROPYLENE GLYCOL MONOMETHYL ETHER

CAS:107-98-2

RTECS #:UB7700000

Fraction by Wt: 31%

Other REC Limits:NONE SPECIFIED

OSHA PEL

:100 PPM
ACGIH TLV:100 PPM/150STEL;9596

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA 313) (CERCLA)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 52%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM
ACGIH TLV:200 PPM/300STEL;9596
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ISOBUTYL KETONE (HEXONE) (SARA 313) (CERCLA)
CAS:108-10-1
RTECS #:SA9275000
Fraction by Wt: 17%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM
ACGIH TLV:50 PPM/75 STEL; 9596
EPA Rpt Qty:5000 LB
S
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:NOT GIVEN
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES:MODERATE IRRITATION, REDNESS,
TEARING. SKIN:SLIGHT IRRIT. EXCESSIVE INHALE:CAN CAUSE NASAL &
RESPIRATORY IRRITATION & CENTRAL NERVOUS SYSTEM EFFECTS, DIZZINESS,
WEAKNESS, FATIGUE, NAUSEA, HEADACHES & POSSIBLE UNCONSCIOUSNESS.
SWALLOWED:GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING & DIARRHEA.
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.
Effects of Overexposure:EYES:MODERATE IRRITATION, REDNESS, TEARING.
SKIN:SLIGHT IRRITATION. EXCESSIVE INHALE:CAN CAUSE NASAL &
RESPIRATORY IRRITATION & CENTRAL NERVOUS SYSTEM EFFECTS, DIZZINESS,
WEAKNESS, FATIGUE, NAUSEA, HEADACHES & POSSIBLE UNCON

SCIOUSNESS.

SWALLOWED:GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING & DIARRHEA.
Medical Cond Aggravated by Exposure:METHYL ETHYL KETONE MAY ACCELERATE
ONSET OF PERIPHERAL NEUROPATHY CAUSED BY METHYL N-BUTYL KETONE.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS
OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.
WASH WITH SOAP AND WATER. IF IRRITATION PERSIST, GET MEDICAL

ATTENTION. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET
MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GIVE 1-2
GLASSES OF WATER IF CONSCIOUS. GET MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:32.0F,0.0C

Lower Limits:1.7

Upper Limits:NOT GIVEN

Extinguishing Media:REGULAR FOAM OR WATER FOG OR CARBON DIOXIDE OR DRY
CHEMICAL

Fire Fighting Procedures:DO NOT USE TORCHES ON/NEAR DRUM(EVEN EMPTY)

RESIDUE CAN IGNITE. GROUND/BOND WHEN TRANSFERING MATERIAL. VAPOR
>THAN AIR, MAY TRAVEL/IGNITE AT DISTANT LOCATION

Unusual Fire/Explosion Hazard:WEAR SELF-CONTAINED BREATHING APPARATUS
WITH A FULL FACEPIECE OPERATED IN POSITIVE PRESSURE DEMAND MODE
WHEN FIGHTING FIRES.

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

Spill Release Procedures:SM:ABSORB LIQ ON PAPER,VERMICULITE,FLOOR
ABSORB. LG:ELIM ALL IGNITE SOURCES. REMOVE PERSONS NOT WEARING
PRO

PROTECTIVE EQUIP. STOP SPILL AT SOURCE. DIKE AREA, PREVENT SPREAD,
PUMP LIQ TO SALVAGE TANK, TAKE UP REMAINING W/SAND, ETC. SHOVEL
INTO CONTAINER

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:CONTAINERS OF MATERIAL MAY BE
HAZARDOUS WHEN EMPTIED SINCE EMPTY RETAINS RESIDUES(VAPOR, LIQ,
SOLID)ALL HAZARD PRECAUTIONS GIVEN MUST BE OBSERVED.

Other Precautions:WASH CONTAMINATED CLO

THING BEFORE REUSE.

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

Respiratory Protection:IF EXPOSURE LIMIT/COMPONENT IS
EXCEEDED:NIOSH/MSHA APPROVED AIR SUPPLIED RSPRTR IF NO
ENVIRONMENTAL CONTROL. OSHA REGS PERMIT OTHER NIOSH/MSHA
RSPRTR(NEGATIVE PRESSURE TYPE)(SEE SAFETY EQUIPMENT SUPPL IER &
ENGINEER/ADMINISTRATIVE CONTROLS)
Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL &/OR LOCAL EXHAUST)
VENT TO MAINTAIN EXPOSURE BELOW TLV(S).
Protective Glov
es:RESISTANT GLOVES SUCH AS NITRILE RUBBER
Eye Protection:CHEM SPLASH GOGGLES OR SAFETY GLASSES
Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO
PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE
AVAILABLE.
Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER
BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

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

HCC:F2
Boiling Pt:B.P. Text:175F/79.4C
Melt/Freeze Pt:M.P/F.P Text:-20F,-29C
Decomp Temp:Decomp Text:NOT GIVEN
Vapor Pres:49.1 MMHG
Vapor Density:3.4(AIR=1)
Spec Gravity:0.839
Evaporation Rate & Reference:16.8 (ETHYL ETHER=1)
Solubility in Water:MODERATE
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
AVOID CONTACT

WITH STRONG OXIDIZING AGENTS

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

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

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

Waste Disposal Methods:SMALL SPILL: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE & FEDERAL REGULATIONS. LARGE SPILL: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

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.