

COURTAULDS AEROSPACE (FORMERLY DESOTO AEROSPACE) -- 910-702 I F T CURING SOLUTION  
-- 8010-01-386-7668

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

Product ID:910-702 I F T CURING SOLUTION

MSDS Date:12/18/1991

FSC:8010

NIIN:01-386-7668

Kit Part:Y

MSDS Number: CDCMC

=== Responsible Party ===

Company Name:COURTAULDS AEROSPACE (FORMERLY DESOTO AEROSPACE)

Address:1608 4TH ST

City:BERKELEY

State:CA

ZIP:94710-500

0

Country:US

Info Phone Num:818-549-7823/415-526-1525

Emergency Phone Num:800-228-5635/818-549-7823

CAGE:83574

=== 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

Company Name:PRC-DESOTO INTERNATIONAL, INC. A PPG INDUSTRIES COMPANY

Address:5430 SAN FERNANDO RD

Box:1800

City:GLENDALE

State:CA

ZIP:91209

Country:US

Phone:818-240-2060

C

AGE:83574

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Composition/Information on Ingredients  
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Ingred Name:METHYL ETHYL KETONE, 2-BUTANONE \*96-3\*  
CAS:78-93-3  
RTECS #:EL6475000  
Fraction by Wt: 10%  
Other REC Limits:590 MG/CUM  
OSHA PEL:200 PPM  
ACGIH TLV:590 MG/CUM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:DIPHENYLMETHANEDIISOCYANATE (MDI), METHYLENE BIS  
(PHENYLISOCYANATE), 4,4 DIPHENYLMETHANE DIISOCYANATE (MDI)  
CAS:101-68-8  
RTECS #:NQ9350000  
Fraction by Wt: 40%  
Other REC Limits:0.005 PPM  
OSHA  
PEL:0.02 PPM  
ACGIH TLV:0.051 MG/CUM  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:HIGHER OLIGOMERS OF MDI, POLYMETHYLENE POLYPHENYLENE  
POLYISOCYANATE  
CAS:9016-87-9  
RTECS #:TR0350000  
Fraction by Wt: 50%

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION: NASAL & RESPIRATORY  
IRRITATION, CNS DEPRESSION, ASPHYXIATION. IS  
OCYANATES MAY CAUSE  
ALLERGIC SENSITIZATION, MUCOUS MEMBRANE & RESPIRATORY TRACT  
IRRITATION. SKIN: IRRITATION, DERMATITIS, SE NSITIZATION. EYES:  
IRRITATION. INGESTION: GI IRRITATION.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:IRRITATION, HEADACHE, DIZZINESS, STAGGERING  
GAIT, CONFUSION, UNCONSCIOUSNESS, DEFATTING, NAUSEA, VOMITING,  
DIARRHEA. ISOCYANATES: CHEST TIGHTNESS, COUGH, HEADACHE, SHORTNESS  
OF BREATH.  
Medical Cond Aggravated by Exposure:PRE-EXISTING

SKIN, LUNG & EYE  
CONDITIONS.

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First Aid Measures  
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First Aid:INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEEDED.  
KEEP WARM & QUIET. SKIN: WASH W/SOAP & WATER. DON'T USE SOLVENTS.  
EYES: FLUSH W/WATER FOR 15 MINS. OBTAIN MEDICAL ATTENTION IN ALL  
CASES.

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Fire Fighting Measures  
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Flash Point Method:SCC

Flash Point:22F

Lower Limits:1.8

Extinguishing Media:CO2, DRY CHEMICAL/FOAM.

Fire

Fighting Procedures:WATER SPRAY MAY BE INEFFECTIVE. COOL  
CONTAINERS W/WATER. FOG NOZZLES ARE PREFERRABLE. WEAR NIOSH/MSHA  
APPROVED SCBA & PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:VAPORS MAY ACCUMULATE IN INADEQUATELY  
VENTILATED/CONFINED AREAS, FORM EXPLOSIVE MIXTURES W/AIR, TRAVEL  
DISTANCES, FLASHBACK/FLAME TO HANDLING SITE. (SEE SUPP)

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Accidental Release Measures  
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Spill Release Procedures:REMOVE IGNITION SOURCES. WEAR PROTECTIVE  
EQUIPMENT. USE NON-SPARKING TOOLS. SMALL: DIKE & ABSORB W/INERT  
MATERIAL. COLLECT IN OPEN TOP DRUM & TAKE TO ISOLATED AREA. FILL  
DRUM W/DECONTAMINATION SOLUTION & NEUTRALIZE THE AREA.

Neutralizing Agent:DECONTAMINATION SOLUTION: 90-95% WATER, 2%  
DETERGENT, 3-8% AMMONIA

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Handling and Storage  
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Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. ISOLATE  
FROM HEAT & OTHER IGNITION SOURCES. DON'T STORE >120F. GROUND &

BOND WHEN TRANSFERRING.

Other Precautions:AVOID FREE FALL OF LIQUID. DON'T APPLY TO HOT  
SURFACES. PROTECT FROM MOISTURE & FOREIGN MATERIALS. STORE AT  
64-86F. ISOCYANATES REACT SLOWLY W/WATER TO FORM CO2 GAS WHICH CAN  
CAUSE CONTAINER TO EXPAND /RUPTURE.

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Exposure Controls/Personal Protection  
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Respiratory Protection:IF TLVS ARE EXCEEDED, USE NIOSH/MSHA APPROVED  
RESPIRATOR. IN CONFINED AREAS, USE NIOSH/MSHA APPROVED AIR SUPPLIED  
RESPIRATORS. WHERE

ISOCYANATE LEVELS EXCEED THE LIMITS, USE SCBA &  
OTHER APPROPRIATE RESPIRATORY PROTECTION.

Ventilation:GENERAL DILUTION/LOCAL EXHAUST VENTILATION.

Protective Gloves:CHEMICAL RESISTANT

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS/GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING, SAFETY SHOWER, EYE  
BATH, WASHING FACILITIES.

Work Hygienic Practices:REMOVE/LAUNDRER CONTAMINATED CLOTHING BEFORE  
REUSE.

Supplemental Safety and Health

UNUSUAL FIRE CONT'D: CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO

EXTREME HEAT. EMPTY DRUMS MAY CONTAIN EXPLOSIVE VAPORS. DON'T CUT,  
PUNCTURE/WELD ON/NEAR DRUM. DON'T TAKE INTERNALLY. DON'T DELIBERATELY  
CONCENTRATE THE PRODUCT & INHALE THE VAPORS. VAPORS ARE >AIR &  
MAY COLLECT IN LOW/CONFINED AREAS.

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

Boiling Pt:B.P. Text:175F

Vapor Density:>1

Spec Gravity:1.18

Evaporation Rate & Reference:SLOWER THAN N-BU AC

Appearance and Odor:DARK BROWN LIQUID W/SOLVENT  
ODOR.

Percent Volatiles by Volume:14.7

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

Stability Indicator/Materials to Avoid:YES

WATER, ALCOHOLS, AMINES

Stability Condition to Avoid:HEAT, ELECTRICAL EQUIPMENT, SPARKS, FLAME,  
TEMP >120F, HOT SURFACES, MOISTURE, FOREIGN MATERIALS.

Hazardous Decomposition Products:COMBUSTION: CO, CO2, OXIDES OF  
NITROGEN & TRACES OF HYDROGEN CYANIDE & ISOCYANATE MONOMER.

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

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Waste Disposal Methods:WHEN DISPOSING, ENSURE THAT IT'S PACKAGED,  
STORED, TRANSPORTED & OTHERWISE MANAGED IAW/FEDERAL, STATE & LOCAL  
REGULATIONS. NO METHOD IS TO BE USED THAT WOULD POSE AN  
ENVIRONMENTAL/HUMAN HEALTH THREAT. FLAMMABLE LIQUID UN1263.

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