

COURTAULDS AEROSPACE INC -- MIL-C-85285B 3:1 CURING SOLUTION;930G052 --
8030-01-293-3796

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

Product ID:MIL-C-85285B 3:1 CURING SOLUTION;930G052

MSDS Date:03/01/1993

FSC:8030

NIIN:01-293-3796

Kit Part:Y

MSDS Number: BWHBX

=== Responsible Party ===

Company Name:COURTAULDS AEROSPACE INC

Address:5430 SAN FERNANDO ROAD

Box:1800

City:GLENDALE

State:CA

ZIP:91209

Country:US

Info Phone Num:818-240-2060

Emergency Phone Num:800-228-5635 800-424-9300(CHEMTREC)

CAGE:83574

=== Contractor Identification ===

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

CAGE:83574

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

Ingred Name:METHYL N-AMYL KETONE

CAS:110-43-0

RTECS #:MJ5075000

Fraction by Wt: 15%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM
ACGIH TLV:50 PPM; 9394

Ingred Name:HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE (HDI)
CAS:28182-81-2
RTECS #:NQ9170000
Fraction by Wt: 85%
Other REC Limits:NONE RECOMMENDED

Ingred Name:1,6-DIISOCYANATOHEXANE (HEXAMETHYLENE DIISOCYANATE)
CAS:822-06-0
RTECS #:MO1740000
Fraction by Wt: .7-1.6%
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:0.005 PPM; 9394
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:VOLATILE ORGANIC CONTENT=173G/L
RTECS #:9999999VO
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:TLV FOR HDI IS 0.005PPM
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:EYES:MAY CAUSE IRRITATION.SKIN:MAY
CAUSE IRRITATION,SENSITIZATION AND DEFATTING.INGEST:MAY CAUSE GI
TRACT IRRITATION.INHAL:MAY CAUSE RESPIRATORY IRRITATION AND CNS
DEPRESSION.MAY CAUSE ISOCYANATE SENS ITIZATION.CHRONIC:MAY CAUSE
PERMANENT BRAIN AND NERVIOUS SYSTEM DAMAGE.
Explanation of Carcinogenicity:CRYSTALLINE SILICA IS LISTED IARC AND
NTP.TOLUENE IS LISTED BY CALIFORNIA PROP 65 AS A REPRODUCTIVE
TOXIN.
Effects of Overexposure:ISOCYANATE SENSITIZATION:ASTMA-LIKE
SYMPTOMS(TIGHT CHEST,COUGHING,HEADACHE,SHORTNESS OF
BREATH).INHAL:HEADACHE,DIZZINESS,STAGGERING
GAIT,CONFUSION,UNCONSCIOUSNESS.INGEST:NAUSEA,VOMITING,DIARRHEA.CHRO
NIC:DIFFICULTY CONCENTRATING,DIMINISHED DEXTERITY,MEMORY LOSS.
Me

dical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN,EYE
OR REPRODUCTIVE DAMAGE MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND
WATER.EYES:FLUSH WITH LUKEWARM WATER FOR 15 MINUTES.INHAL:REMOVE TO
FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO
NOT INDUCE VOMITING.GET PROMPT QUALIFIED MEDICAL ATTENTION.

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Fire Fighting Measures =====

Flash Point Method:SCC

Flash Point:102F,39C

Lower Limits:1.11

Extinguishing Media:DRY CHEMICAL,CARBON DIOXIDE,FOAM.WATER SPRAY MAY BE
AN INEFFECTIVE EXTINGUISHANT.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER
FOG.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR,CAN TRAVEL
DISTANCES ALONG THE GROUND,AND FLASHBACK AT THE SOURCE.CLOSED

CONTAINERS MAY BURST.DECOMPOSITION FUME MAY BE TOXIC.

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

Spill Release Procedures:SOAK UP WITH NON-COMBUSTIBLE INERT
ADSORBANT(EG.CLAY);COVER WITH DECONTAMINATION SOLUTION;PLACE
COLLECTED MATERIAL IN AN APPROPRIATE CONTAINER FOR DISPOSAL;WASH
SPILL AREA W/DECONTAMIN SOLN.REPORTABLE SPILL?CALL
800-424-8802.AVOID WATERWAYCONTAMINTN

Neutralizing Agent:DECONTAMINATION

SOLUTION:WATER(90-95%)+DETERGENT(2%)+AMM
ONIA(3-8%).

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

Handling and Storage Precautions:STORE AT TEMPERATURES 64-86F.KEEP
CONTAINERS TIGHTLY CLOSED.KEEP AWAY FROM HEAT AND FLAMES,MOISTURE
AND INCOMPATIBLE MATERIALS.

Other Precautions:GROUND CONTAINERS WHEN TRANSFERRING LIQUID.USE WITH
ADEQUATE VENTILATION.EMPTY CONTAINERS MAY BE DANGEROUS;DISPOSE OF
PROPERLY.AVOID BREATHING VAPORS OR DUST FROM DRIED FILM.AVOID EYE
AND SKIN CONTACT .

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Exposure Controls/Personal Protection =====

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN
ENCLOSED SPACES USE A SELF-CONTAINED BREATHING APPARATUS.

Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL)
VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves:CHEMICALLY RESISTANT

Eye Protection:SAFETY GLASSES OR GOGGLES.

Other Protective Equipment:PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A
LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Pra

ctices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET
CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK
AREA.

Supplemental Safety and Health

KEY1;F4--REFER TO PNIND C.HEXAMETHYLENE DIISOCYANATE MONOMER CAN
INCREASE UPON LENGTHY STORAGE OR MOISTURE CONTAMINATION;CHECK
CONTAINERS FOR PRESSURE BUILDUP(OFCO₂).

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

HCC:F4

Boiling Pt:B.P. Text:300F,149C

Vapor Density: