

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.

=====

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 WATERWAY CONTAMINATION

Neutralizing Agent: DECONTAMINATION
SOLUTION: WATER (90-95%) + DETERGENT (2%) + AMMONIA (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.

=====

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(O₂).

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

HCC:F4

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

Vapor Density: