

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

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===== 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.

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First Aid Measures  
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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  
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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.

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Accidental Release Measures  
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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%).

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Handling and Storage  
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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(OFCO<sup>2</sup>).

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

HCC:F4

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

Vapor Density: