

COURTAULDS AEROSPACE INC -- 159211 POLYURETHANE POLYMER PR-1592 AMBER,BASE  
COMPOUND -- 5970-01-222-5575

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

Product ID:159211 POLYURETHANE POLYMER PR-1592 AMBER,BASE COMPOUND

MSDS Date:12/05/1996

FSC:5970

NIIN:01-222-5575

MSDS Number: CGMYB

=== Responsible Party ===

Company Name:COURTAULDS AEROSPACE INC

Address:5430 SAN FERNANDO ROAD

Box:1800

City:GLENDALE

State:CA

Z

IP:91209

Country:US

Info Phone Num:818-549-7586

Emergency Phone Num:818-549-7586

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:POLYURETHANE POLYMER (CONTAINS 1/2% TOLUENE DIISOCYANATE)

CAS:65636-36-4

Fraction by Wt: 100%

Other REC Limits

:NONE RECOMMENDED

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:TOLUENE

DIISOCYANATE-CANC.EYE:ISOCYANATES ARE VERY IRRIT.LEGAL WORKPLACE EXPO LIMITS MUCH LOWER THAN LEVELS WHICH TYPICALLY CAUSE IRRIT.SO EYE IRRIT STRONG INDICATION THAT ONE IS BEING EXPO.SKIN:LOC I

RRIT,DISCOLORATION.MAY CAUSE ALLERGIC RASH IN SENS

INDIVIDUALS.INHAL:IRRIT NOSE/THROAT/LUNGS/EYES.MAY PRODUCE(SUPPLEM)

Explanation of Carcinogenicity:PER MSDS:CONTAINS 1/2% TOLUENE

DIISOCYANATE-IARC(HUMAN SUFFICIENT EVIDENCE),NTP(HUMAN SUSPECT),STATE OF CALIFORNIA.

Effects of Overexposure:VERY EYE IRRIT,LOCAL SKIN

IRRIT,DISCOLORATION,ALLERGIC RASH,IRRIT

NOSE/THROAT/LUNGS/EYES,ASTHMA-LIKE SYMPTOMS,IRRIT/CORRO

MOUTH/STOMACH TISSUE/DIGESTIVE TRACT.

Medical Cond Aggravated

by Exposure:INDIVIDUALS SUFFERING FROM ASTHMA

OR OTHER CHRONIC RESPIRATORY CONDITIONS MAY EXHIBIT HEIGHTENED SENSITIVITY TO ISOCYANATES.

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

First Aid:EYE:FLUSH W/LUKE WARM WATER FOR 15MINS.CONSULT

PHYSICIAN.SKIN:WASH W/SOAP/WATER.CONSULT PHYSICIAN.INHAL:REMOVE TO FRESH AIR.OBTAIN MED ATTN.INGEST:GIVE MILK OR WATER TO DRINK.CONSULT PHYSICIAN.

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

Flash Point:>200F,>93C

Autoignition Temp:Autoignition Temp Text:NP

Extinguishing Media:CARBON DIOXIDE,DRY CHEMCIAL,FOAM,WATER FOG.

Fire Fighting Procedures:USE AIR SUPPLIED RESPIRATOR.USE WATER TO COOL HEAT EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:HIGH TEMPERATURE MAY CAUSE PRESSURE BUILDUP IN CLOSED CONTAINER.NOT FLAMMABLE.

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

Spill Release Procedures:COVER W/ABSORBANT MATL.ADD DECONTAMINATION SOLN(5%CONC

AMMONIA,2%DETERGENT,93%WATER).ALLOW TO REACT FOR  
10MINS.COLLECT IN CONTAINERS.ADD ADDN DECONTAM SOLN.KEEP LOOSELY  
COVERED FOR 48HRS.CLEANUP RESID UE W/SUITABLE SOLVT.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID MOISTURE CONTAMINATION WHICH  
WILL CAUSE CARBON DIOXIDE PRESUSRE.DONT RESEAL CONTAINERS IF  
MOISTURE CONTAMINATION IS SUSPECTED.  
Other Precautions:NONE KNOWN.

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

Respiratory Protection:WHEN SPRAYING/APPLYING IN ANY CIRCUMSTANCES  
LIKELY TO PRODUCE AIRBORNE LEVEL OF HAZ INGREDIENTS IN EXCESS OF TLV  
USE ORGANIC VAPOR CARTRIDGE OR AIR-SUPPLIED RESPIRATOR.  
Ventilation:GENERAL VENTILATION TO MAINTAIN VAPORS BELOW PEL.  
Protective Gloves:SOLVENT RESISTANT GLOVES  
Eye Protection:CHEM GOGG OR FULL FACE SHIELD.  
Other Protective Equipment:NONE KNOWN  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health  
HEALTH:ASTHMA-LIKE SYMPTOMS IN SENSITIZED INDIVIDUALS.INGEST:IRRIT,POSSIBLE  
CORROSION ACTION IN MOUTH/STOMACH TISSUE,DIGESTIVE TRACT.

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

HCC:N1  
Boiling Pt:B.P. Text:0  
Melt/Freeze Pt:M.P/F.P Text:NP  
Decomp Temp:Decomp Text:NP  
Vapor Pres:NP  
Vapor Density:>AIR  
Spec Gravity:1.06  
pH:NP  
Viscosity:NP  
Evaporation Rate & Reference:UNAVAILABLE  
Solubility in Water:NP  
Appearance and Odor:CLEAR LIGHT YELLOW

W LIQUID

Percent Volatiles by Volume:NONE

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES

WATER, ALCOHOL, AMINES, STRONG BASES.

Stability Condition to Avoid:NOT KNOWN.

Hazardous Decomposition Products:OXIDES OF CARBON AND NITROGEN,  
POSSIBLE TRACES OF HCN.

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

Waste Disposal Methods:NOT HAZ WASTE ACCORDING TO EPA  
REGULATIONS.CONSULT STATE REG  
S PRIOR TO DISPOSAL OF SPILLAGE.

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