

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

===== 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.

===== 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.

===== 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.

===== 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.

===== 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.

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

Respiratory Protection:WHEN SPRAYING/APPLYING IN ANY CIRCUMSTANCES  
LIKELY TO PRODUCE AIRBORNE LEVEL OF HAZ INGREDs 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 MA  
NUFACTURER.  
Supplemental Safety and Health  
HEALTH:ASTHMA-LIKE SYMPTOMS IN SENS INDIVIDUALS.INGEST:IRRIT,POSSIBLE  
CORRO ACTION IN MOUTH/STOMACH TISSUE,DIGESTIVE TRACT.

===== 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:UNAVAI  
Solubility in Water:NP  
Appearance and Odor:CLEAR LIGHT YELLO

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.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.