

PRATT & LAMBERT, INC. -- COATING, POLYURETHANE AIRCRAFT BLACK 37038 -- 8010-01-144-9879  
===== Product Identification =====

Product ID:COATING, POLYURETHANE AIRCRAFT BLACK 37038

MSDS Date:10/14/1988

FSC:8010

NIIN:01-144-9879

MSDS Number: BHCKZ

=== Responsible Party ===

Company Name:PRATT & LAMBERT, INC.

Address:16116 E 13TH ST

Box:2153

City:WICHITA

State:KS

ZIP:67201

Country:US

Preparer's Name:W.A.

ELLISON

CAGE:FO127

=== Contractor Identification ===

Company Name:PRATT & LAMBERT, INC/BUFFALO, NY 14240

Box:22

CAGE:FO127

Company Name:PRATT AND LAMBERT INC

Address:Box:6027

City:CLEVELAND

State:OH

ZIP:44101-1027

Country:US

Phone:216-566-2902

CAGE:61196

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

Ingred Name:N-BUTYL ACETATE (SARA III)

CAS:123-86-4

RTECS #:AF7350000

OSHA PEL:150 PPM/200 STEL

ACGIH TLV:150 PPM/200STEL;9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

In

Ingred Name:1,6-DIISOCYANATOHEXANE (HEXAMETHYLENE DIISOCYANATE)

CAS:822-06-0

RTECS #:MO1740000

ACGIH TLV:0.005 PPM; 9192

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:VOL ORGANIC CMPD 2.2 LB/GL LESS WATER & NPRS\* 264 G/L LESS

WATER VOC 3.1 LB/GAL SOLIDS 372 G/L SOLIDS CALCULATED

RTECS #:9999999VO

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:SWALLOWING-MAY BE FATAL IF  
SWALLO

WED.CAN CAUSE GASTROINTESTINAL/NAUSEA/VOMITING.ASPIRATION OF  
MATERIAL INTO LUNG MAY CAUSE PNEUMONITIS.INHALATION: WARNING VAPORS  
AND SPRAY MIST HARMFUL.MAY CAUSE LUNG DAMAGE. EYE & SKIN:  
IRRITATION, MAY CAUSE SKIN SENSITIZATION.

Explanation of Carcinogenicity:TOLUENE HAS BEEN FOUND TO CAUSE,KIDNEY,  
LUNG AND SPLEEN DAMAGE IN LABORATORY ANIMALS.

Effects of Overexposure:EXPOSURE TO DIISOCYANATES MAY RESULT IN  
RESPIRATORY SENSITIZATION.OVEREXPOSURE TO SOLVENTS WITH PERMANENT

BRAIN AND NERVOUS SYSTEM DAMAGE. RESPIRATORY SENSITIVITY RESULTS IN  
ASTHMA-LIKE SYMPTOMS ON SU BSEQUENT EXPOSURE AT CONCENTRATIONS EVEN  
BELOW THE TLV.

Medical Cond Aggravated by Exposure:SEE ABOVE.

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

First Aid:SWALLOWING-DO NOT INDUCE VOMITING. GET MED ATTN  
IMMEDIATELY.INHALATION-REMOVE TO FRESH AIR,KEEP WARM AND QUIET.GET  
MED ATTN. EYE-WASH WITH WATER.GET MED ATTN. SKIN:WASH AFFECTED AREA  
OBTAIN MED ATTN I

F IRRITATION PERSISTS.NOTE TO PHYSICIAN-ANY  
TREATMENT THAT MIGHT BE REQUIRED GFOR OVEREXPOSURE SHOULD BE  
DIRECTED AT THE CONTROL OF SYMPTOMS AND THE CLINIC CONDITIONS.

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

Flash Point:72F/22.22C

Extinguishing Media:USE CLASS B FIRE EXTINGUISHERS. POLYMER FOAM IS  
PREFERRED FOR LARGE FIRES.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS. WATER  
MAYBE USED TO COOL EXPOSED CONTAINERS TO PREVENT AUTO-

IGNITION OR

EXPLOSION. FOG NOZZLES PREFERRED IF WATER USED.

Unusual Fire/Explosion Hazard:OVEREXPOSURE TO DECOMPOSITION MAY CAUSE HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. OBTAIN MEDICAL ATTENTION. WARNING: FLAMMABLE

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

Spill Release Procedures:USE NIOSH/MSHA APPROVED TC19C. ELIMINATE ALL IGNITION SOURCES. DIKE WITH INERT MATERIAL. FOR RECOVERY OR DISPOSAL.USE METAL CONTAINERS.USE ONLY NON-SPARKING TOOLS. PREVENT CONTAMINATION OF SEWERS, STR EAMS, GROUNDWATER.

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

Handling and Storage Precautions:DO NOT STORE ABOVE 95F. STORE LARGE QUANTITIES IN COMPLIANCE WITH OSHA 29CFR1910.106.

Other Precautions:THIS PRODUCT SHOULD NOT BE USED BY PERSONS WHO HAVE HAD CHRONIC BREATHING PROBLEMS OR REACTIONS TO ISOCYANATES.DO NOT BREATHE VAPOR SPRAY OR MIST.DO NOT GET ON SKIN, IN EYES OR ON CLOTHING.WASH THOROUGH HLY A FTER HANDLING.

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

Respiratory Protection:WEAR POSITIVE PRESSURE AIR SUPPLIED RESPIRATOR (TC 19C NIOSH/MSHA) WHILE EXPOSED IF NOT AVAILABLE USE A VAPOR PARTICULATE RESPIRATOR. WEAR FOR THE WHOLE TIME WHILE MIXING, SPRAYING AND UNTIL VAPORS AN D MISTS ARE GONE.

Ventilation:GENERAL DILUTION AND LOCAL EXHAUST VENT IN SUFFICIENT VOLUME & PATTERN TO MAINTAIN CONCENTRATIONS.

Protective Gloves:IMPERMEABLE GLOVES.

Eye Prot

ection:SAFETY SPECTACLES & CHEM SPLASH GOGGLES.

Other Protective Equipment:AS REQUIRED TO PREVENT SKIN CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

HAZARDOUS DECOMPOSITION PRODUCTS: THE REACTION OF ISOCYANATES WITH WATER MAY PRODUCE HYDROGEN GAS WHICH MAY FORM FLAMMABLE OR EXPLOSIVE MIXTURES WITH AIR.DO NOT WELD/BRAZE/CUT ON EMPTY CONTAINER. DO N OT REUSE.

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

Boiling

Pt:B.P. Text:260F  
Vapor Density:>AIR  
Evaporation Rate & Reference:SLOWER THAN ETHER  
Percent Volatiles by Volume:30

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

Stability Indicator/Materials to Avoid:YES  
STRONG ACIDS OR ALKALINE MATERIALS, OXIDIZING MATERIALS.  
Stability Condition to Avoid:AVOID EXCESSIVE HEAT AND SOURCES OF  
IGNITION.  
Hazardous Decomposition Products:BURNING/WELDING/CUTTING WILL PRODUCE  
SMOKE,CARBON MONOXIDE AND CARBON DIOXIDE. OXIDES OF NITRO  
GEN MAY BE  
GENERATED.  
Conditions to Avoid Polymerization:KEEP AWAY FROM HEAT,SPARKS AND  
FLAME.

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

Waste Disposal Methods:INCINERATE ONLY IN EPA FACILITY.CONTAMINATED  
ABSORBANT DISPOSED IN A HAZARDOUS WASTE LANDFILL.DISPOSE ONLY IAW  
FEDERAL/STATE/LOCAL REGULATIONS. RCRA CLASSIFICATION WOULD BE D001.  
ENVIRONMENTAL HAZARDS NONE KNOWN.

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