

PUMA CHEMICAL CO. INC. -- THINNER, AIRCRAFT COATING TYPE II -- 8010-01-200-2637
===== Product Identification =====

Product ID:THINNER, AIRCRAFT COATING TYPE II

MSDS Date:10/09/1990

FSC:8010

NIIN:01-200-2637

MSDS Number: BJYMK

=== Responsible Party ===

Company Name:PUMA CHEMICAL CO. INC.

Address:1601 109TH STREET

City:GRAND PRAIRIE

State:TX

ZIP:75050

Country:US

Info Phone Num:214-988-3447

Emergenc

y Phone Num:800-424-9300

Preparer's Name:MAURICE PUMA

CAGE:OBBA1

=== Contractor Identification ===

Company Name:PUMA CHEMICAL CO., INC.

Address:1601 109TH STREET

City:GRAND PRAIRIE

State:TX

ZIP:75050

Phone:(214) 988-3447

CAGE:OBBA1

Company Name:PUMA TECHNOLOGIES

City:FORT WORTH

State:TX

ZIP:76115

Country:US

Phone:817-927-8888

CAGE:0BBA1

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

Ingred Name:PROPYLENE GLYCOL MONOMETHYL ETHER

CAS:107-98-2

RTECS #:UB7700000

Fraction by W

t: 30% MIN
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM/150 STEL
ACGIH TLV:100 PPM/150STEL;9192

Ingred Name:METHYL ETHYL KETONE (SARA 313)
CAS:78-93-3
RTECS #:EL6175000
Fraction by Wt: 50% MIN
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/300 PPM STEL
ACGIH TLV:200 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ISOBUTYL KETONE (SARA III)
CAS:108-10-1
RTECS #:SA9275000
Fraction by Wt: 20% MAX
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM/75 STEL
ACGIH TLV:50 PPM/75
STEL; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:REPEATED EXPOSURE MAY CAUSE MINOR
LUNG, LIVER AND KIDNEY EFFECTS.
Effects of Overexposure:EYE:SEVERE IRRIT,INJURE EYE TISSUE,PERM
DAMAGE.SKIN:IRRITATE & DERMATITIS.INHALATION:IRRIT EYES/RSPRTRY
TRACT, HEADACHES,DIZZINESS,ANESTHETIC/OTHER CENTRAL NERVOUS
EFFECTS.INGESTIO
N: SMALL AMOUNTS OF LIQUID ASPIRATED INTO THE
RSPRTRY SYSTEM DURING INGESTION OR VOMITING MAY CAUSE
BRONCHIOPNEUMONIA OR PULMONARY EDEMA.

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

First Aid:EYE:IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR 15
MIN.GET PROMPT MEDICAL ATTENTION.SKIN:IMMEDIATELY WASH OFF WITH
SOAP IN FLOWING WATER.REMOVE CONTAMINATED CLOTHING INCLUDING
SHOES.INHALAT ION:IMMEDIATELY REMOVE TO FRESH AIR.ADMINISTER
ARTIFICI

AL RESPIRATION IF BREATHING IS STOPPED.CALL A PHYSICIAN.

INGESTION:DO NOT INDUCE VOMITING.KEEP AT REST. GET PROMPT MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:34F/1C

Autoignition Temp:Autoignition Temp Text:>663F

Lower Limits:1.8 @ 77F

Upper Limits:11.5 @ 77F

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

Fire Fighting Procedures:WEAR POS-PRESS SCBA.USE H2O SPRAY TO COOL SURFACES PROT

OF PERSONNEL.SHUT OFF FUEL TO FIRE.IF A LEAK/SPILL HAS NOT IGNITED,USE H2O SPRAY TO DISPERSE VAPOR.

Unusual Fire/Explosion Hazard:FLAMM LIQUID CAN RELEASE VAPORS THAT FORM FLAMM MIX AT TEMPS AT/ABOVE THE FLASH POINT.EMPTY CONTAINER RETAIN PRODUCT RESIDUE.DO NOT CUT,WELD.MAY EXPLODE/INJURY.

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

Spill Release Procedures:MOVE IGNIT SOURCES.PREVENT ADD DISCHARGE OF MAT'L IF POSS W/OUT HAZARD.PREVENT LIQUID FROM ENTERI

NG

SEWERS,WATER COURSE/LOW AREA.SOAK UP W/SUITABLE,NON-REACTIVE ABSORB MAT'L.COLLECT W/ RUBBER SHOVEL I NTO CONTAINER/DISPOSE.FOR LARGE SPILLS,NOTIFY EPA.

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

Handling and Storage Precautions:STORE IN COOL DRY PLACE.USE

EXPLOS-PROOF VENT EQUIP & MECHANICAL DILUTION VENT WHENEVER USED IN CONFINED SPACE/ HEATED ABOVE AMBIENT TEMP/AGITATED.

Other Precautions:ALL EQUIPMENT SHOULD BE GROUNDED. KEEP CONTAINER CLO

SED WHEN NOT IN USE.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATORS MAY BE NECESSARY TO PREVENT OVEREXPOSURE BY INHALATION.

Ventilation:LOCAL EXHAUST AND MECHANICAL DILUTION VENTILATION IS RECOMMENDED WHENEVER THIS PRODUCT IS USED.

Protective Gloves:USE CHEMICAL RESISTANT GLOVES.

Eye Protection:WEAR CONTACT MAY OCCUR,WEAR A FACESHIELD

Work Hygienic Practices:ALWAYS WASH THOROUGHLY WITH SOAP AND WATER AFTER

HANDLING. NO SMOKING IN WORKING AND NEARBY AREAS.

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:B.P. Text:175 TO 248F

Melt/Freeze Pt:M.P/F.P Text:1.0 (N-BU ACETATE=1)

Solubility in Water:NEGLIGIBLE @ 68F

Appearance and Odor:CLEAR WATER WHITE SOLVENT MIXTURE, STRONG ALCOHOL SOLVENT ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to

Avoid:YES

STRONG OXIDIZING AGENTS, CAUSTIC, AMINES, ALKANOLAMINES, ALDEHYDES, AMMONIA.

Stability Condition to Avoid:KEEP AWAY FROM FLAME, PILOT LIGHT, STATIC ELECTRICITY, SPARKS AND OTHER IGNITION SOURCES.

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

Waste Disposal Methods:THIS PRODUCT MIGHT BE BURNED IN AN APPROVED INCINERATOR IN ACCORD WITH ALL LOCAL, STATE & FEDERAL REQUIREMENTS. CONSULT AN EXPERT ON DISPOSAL OF RECOVERED MAT'L & ENSURE CONFORMITY T

O ALL LOCAL, STATE & FEDERAL DISPOSAL REGS. THIS IS IGNITABLE WASTE.

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