

CROWN METRO AEROSPACE COATINGS, INC -- POLYURETHANE CURING SOLN; PB-105 --
8030-00-241-2498

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

Product ID:POLYURETHANE CURING SOLN; PB-105

MSDS Date:03/17/1994

FSC:8030

NIIN:00-241-2498

Kit Part:Y

MSDS Number: BWFLG

=== Responsible Party ===

Company Name:CROWN METRO AEROSPACE COATINGS, INC

Address:ECHELON, DONALDSON CTR

Box:5695

City:GREENVILLE

State:SC

ZIP:29606

C

Country:US

Info Phone Num:803-277-1870

Emergency Phone Num:803-277-1870

Preparer's Name:SOUTH

CAGE:CROME

=== Contractor Identification ===

Company Name:CROWN

Box:350

City:GREENVILLE

State:SC

ZIP:29606

Country:US

Phone:803-277-1870

CAGE:06367

Company Name:CROWN METRO AEROSPACE COATINGS INC

Box:5695

City:GREENVILLE

State:SC

ZIP:29606

Country:US

Phone:803-277-1870

CAGE:CROME

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

Ingred Name:HEXAMETHYLENE DIISOCYANATE (VAPOR PRESSURE

0.05 MM HG @
20C)

CAS:822-06-0

RTECS #:MO1740000

Fraction by Wt: 2%

Other REC Limits:NONE RECOMMENDED

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:(HOMOPOLYMER) HEXAMETHYLENE DIISOCYANATE

CAS:28182-81-2

RTECS #:NQ9170000

Fraction by Wt: 70-80%

Other REC Limits:NONE RECOMMENDED

Ingred Name:BUTYL ACETATE (VAPOR PRESSURE 8.0 MM HG @ 20C)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: 10-20%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:150 PPM;STEL 200 PPM

ACGIH TLV:150 PPM;STEL 200 PPM

EPA Rpt

Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:XYLENE (SARA III) (VAPOR PRESSURE 21 MM HG @ 20C)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 12%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM;STEL 150 PPM

ACGIH TLV:100 PPM;STEL 150 PPM

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:THEORETICAL VOLATILE ORGANIC CONTENT: 2.2 POUNDS PER GALLON
LESS WATER

RTECS #:9999999VO

Other REC Limits:NONE RECOMMENDED

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

Ro

utes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:ACUTE: OVEREXPOSURE BY INHALATION MAY CAUSE IRRITATION OF RESPIRATORY TRACT, HEADACHE, DIZZINESS, OR DROWSINESS. SKIN OR EYE CONTACT: IRRITANT TO EYES & SKIN & SKIN SENSITIVITY. CHRONIC: MAY AFFECT: ALLERGIC RESPIRATORY SKIN REACTION, CENTRAL NERVOUS SYSTEM, KIDNEYS, LIVER, CARDIAC SENSITIZATION.

Medical Cond Aggravated by Exposure:RESPIRATORY PROBLEMS

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First Aid

Measures =====

First Aid:INHALATION: REMOVE FROM EXPOSURE. EYE CONTACT: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF RUNNING WATER FOR AT LEAST 15 MINUTES. SKIN CONTACT: REMOVE CONTAMINATED CLOTHING AND WASH SKIN WITH SOAP AND WATER. INGESTION: DRINK WATER. IF NECESSARY, CONSULT A PHYSICIAN FOR ANY OF THESE CONDITIONS.

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Fire Fighting Measures =====

Flash Point Method:SCC

Flash Point:78.0F,25.6C

Lower Limits:1.10

Extinguishi

ng Media:USE WATER FOG, FOAM, DRY CHEMICAL, OR CARBON DIOXIDE.

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION, AVOID BREATHING VAPORS, VENTILATE AREA, & REMOVE WITH INERT ABSORBENT & NON-SPARKING TOOLS. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. BEFORE ATTEMPTING TO CLEAN UP SEE INGREDIENT SECTION.

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

Hand

ling and Storage Precautions:DO NOT TAKE INTERNALLY. CONTAINERS SHOULD BE GROUNDED WHEN POURING. AVOID FREE FALL OF LIQUID IN EXCESS OF A FEW INCHES.

Other Precautions:MAKE SURE THE DRUM IS COMPLETELY EMPTY BEFORE ATTEMPTING TO WELD OR BRAZE. THE DRUM SHOULD BE INDUSTRIALLY CLEANED PRIOR TO REUSE. DO NOT FLAME CUT, BRAZE, OR WELD WITHOUT A NIOSH APPROVED RESPIRATOR OR APPROPRIATE VENTILATION.

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

Respiratory P

rotection:IF GENERAL DILUTN/LOCAL EXHAUST DOESN'T DILUTE
TWA/PEL,USE RESPRTRY PROTECTN:DON'T BREATH VAPOR/MIST.WEAR APPROP
FITTED NIOSH/OSHA RESPRTR.AIR LINE RESPRTR (TC19C)
RECOMMENDED.VAPOR/PARTIC (TC23C) WHE N ISOCYANATES 10X LESS THAN
TLV/PEL.

Ventilation:GENERAL DILUTION/LOCAL EXHAUST TO KEEP TWA & LEL BELOW
ACCEPTABLE LIMITS AND REMOVE DECOMPOSITION PRODUCTS.

Protective Gloves:CHEM RESIST GLOVES-REPEATED/PROLONGED

Eye Protection:SAFETY EYEWARE TO PROTECT AGAINST SPLASH

Supplemental Safety and Health

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

HCC:F3

Boiling Pt:B.P. Text:200 TO 382F

Vapor Density:> AIR

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

Stability Indicator/Materials to Avoid:NO

WILL REACT WITH WATER OR WATER CONTAINING PRODUCTS TO GIVE OFF HEAT &
FUMES. DO NOT ALLOW WATER TO ENTER SEALED DRUMS.

Hazardous Decomposition Products:FUMES MAY CONTAIN CARBON MONOXIDE &
OXIDES OF NITROGEN. MAY PRODUC

E HZD FUMES WHEN HEATED TO
DECOMPOSITION AS IN WELDING

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND
FEDERAL REGULATIONS.

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