

CAAP CO INC -- B-274 BLACK POLYURETHANE RAIN EROSION COATI -- 8010-00-459-1756

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Product Identification
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Product ID:B-274 BLACK POLYURETHANE RAIN EROSION COATI

MSDS Date:08/01/1992

FSC:8010

NIIN:00-459-1756

Kit Part:Y

MSDS Number: BQCRW

=== Responsible Party ===

Company Name:CAAP CO INC

Address:152 PEPES FARM RD

City:MILFORD

State:CT

ZIP:06460-3670

Country:US

Info Phone Num:203-877-0375

Emergency Phone Num:203-877-0375

Preparer's Name:CHRISTINE L. SLEDGE

CAGE:60922

=== Contractor Identification ===

Company Name:CAAP CO INC

Address:152 PEPE'S FARM RD

Box:City:MILFORD

State:CT

ZIP:06460

Country:US

Phone:203-877-0375

CAGE:60922

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Composition/Information on Ingredients
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Ingred Name:XYLENE (SARA 313)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 44.15%

Other REC Limits:NONE SPECIFIED

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:METHYLISOBUTYLKETONE (MIBK) (SARA 313)
CAS:108-10-1
RTECS #:SA9275000
Fraction by Wt: 15.98%
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

Ingred Name:CARBON BLACK
CAS:1333-86-4
RTECS #:FF5800000
Fraction by Wt: 0.05%
Other REC Limits:NONE SPECIFIED
OSHA PEL:3.5 MG/M3
ACGIH TLV:3.5 MG/M3

Ingred Name:RESIDUAL METHYLENE BIS (4-CYCLOHEXYLISOCYANATE)
CAS:5124-30-1
RTEC
S #:NQ9250000
Fraction by Wt: 0-0.5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.01 PPM CEILING
ACGIH TLV:0.005 PPM TWA

Ingred Name:ISOCYANATE TERMINATED POLYESTER PREPOLYMER
CAS:54954-83-5
Fraction by Wt: 39.82%
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: CONTACT MAY DAMAGE EYES,
IRRIT

ATE SKIN, & CAUSE RESPIRATORY IRRITATION UPON INHALATION.

CHRONIC: REPEAT/PROLONG EXPOSURE MAY CAUSE DEFATTING OF THE SKIN, DERMATITIS, AND POSSIBLE SENSITIZATION. INHALATION OF VERY HIGH VAPOR CONCENTRATIONS OR PROLONGED EXPOSURE MAY CAUSE NEURAL DYSFUNCTION, KIDNEY & LIVER DAMAGE.

Effects of Overexposure:VAPOR EXPOSURE: BURNING EYES, HEADACHE, DIZZINESS, THROAT IRRITATION, LOSS OF APPETITE, NAUSEA. CONTACT: MAY CAUSE IRRITATION OF SKIN, BURNING OF SKIN OR EYES.

Medical

Cond Aggravated by Exposure:PREEXISTING ALLERGIES, EYE, SKIN AND RESPIRATORY DISORDERS.

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

First Aid:EYES: FLUSH W/WTR, GET IMMEDIATE MED ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH SKIN PROMPTLY W/ SOAP & WATER. IF SIGNS & SYMPTOMS OF EXPOSURE EXIST, GET IMMEDIATE MED ATTENTION. INHALATION: REMOVE TO FRESH AIR, GIVE ARTIFICIAL RESPIRATION IF NECESSARY, GET IMMEDIATE MED ATTENTION.

INGESTION: DO NOT INDUCE VOMITING, GET IMMEDIATE MED ATTENTION. IF VOMITING

OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT BREATHING VOMITUS INTO LUNGS.

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

Flash Point Method:TOC

Flash Point:68.0F,20.0C

Lower Limits:1.0

Upper Limits:8.0

Extinguishing Media:CO2, FOAM, DRY CHEMICAL

Fire Fighting Procedures:USUAL METHODS FOR FLAMMABLE LIQUID. NOT MISCIBLE

W/WATER-USE WATER TO COOL FIRE EXPOSED CONTAINERS. WEAR SCBA ALONG W/PROTECTIVE CLOTHING, SOLVENT RESISTANT COATS/BOOTS/GLOVES/HELMET

Unusual Fire/

Explosion Hazard:NONE, PRODUCT IS A FLAMMABLE LIQUID.

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

Spill Release Procedures:REMOVE IGNITION SOURCES-DON'T SMOKE IN AREA. WEAR PROTECTIVE EQUIPMENT W/SOLVENT RESISTANT GLOVES/APRON/BOOTS/SCBA IN PRESSURE DEMAND MODE/POSITIVE PRESSURE AIR-SUPPLIED RESPIRATOR. DIKE & SOAK UP W/ABSORBENT. CLEANUP ABSORB/CONTAIN. SWEEP/WET MOP W/ SOAP & WATER. VENT AREA.

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

Handling and Storage Pre

cautions:FOR MORE COMPLETE HEALTH/SAFETY INFO
ON USE OF COATINGS CONTAINING RESIDUAL ISOCYANATE PLEASE CONSULT
MOBAYS HEALTH AND SAFETY INFORMATION BROCHURE

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

Respiratory Protection:IF VAPOR/MIST, WEAR NIOSH RESP FOR EMISSION
LEVELS AT POINT OF USE. RESP W/FULL FACEPIECE/PURIFY CARTRIDGE RESP
FOR ORGANIC VAPOR/MIST, SCBA IN PRESS DEMAND MODE/POSITIVE PRESS
AIR-SUPPLD RESP. SPRAY APPLIC, SPRAY BOOTH

Ventilati

on:EXHST VENT TO KEEP CONC BELOW PEL. VENT AIR PAST OPRATR,
VAPOR SRC, THEN EXHST. FOLLOW GUIDELINES-"INDUSTRIAL VENT".

Protective Gloves:SOLVENT RESISTANT GLOVES.

Eye Protection:SAFETY GOGGLES. DO NOT WEAR CONTACT LENS

Other Protective Equipment:SOLVENT RESISTANT APRON AND BOOTS FOR
SPILLS.

Work Hygienic Practices:EYEWASH/SAFETY SHOWER SHOULD BE NEARBY/READY TO
USE. WASH WELL WITH SOAP AND WATER AFTER HANDLING THE PRODUCT.

Supplemental Safety and Health

KEY1:F3. KIT CONSISTS OF EIGH

T PARTS. PART ONE HAS PNI Q, PART TWO HAS

PNI R, PART THREE HAS PNI S ... THROUGH PNI X, SAME NSN. FORMULA
CHANGED.

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

HCC:F2

Boiling Pt:B.P. Text:241-281F

Melt/Freeze Pt:M.P/F.P Text:NA

Vapor Pres:8

Vapor Density:3.6

Spec Gravity:(H2O=1): 0.96

pH:6.0

Viscosity:250-500CPS

Evaporation Rate & Reference:(BUTYL ACETATE=1): 0.85

Solubility in Water:INSOLUBLE

Appearance and Odor:BLACK AROMATIC LIQUID (COATING SOLUTION).

Pe

Percent Volatiles by Volume:60.13

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:ALL IGNITION SOURCES, HOT SURFACES, AND
TEMPERATURES ABOVE 100F (38C).

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
OXIDES OF NITROGEN, AS WELL AS TRACES OF HCN MAY BE RELEASED DURING
COMBUSTION.

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

Wa

ste Disposal Methods:INCINERATE; RCRA HAZARDOUS IGNIT WASTE. DISPOSE ACCORDING TO STATE/LOCAL/FEDERAL REG. WHEN THE B-274, CURING AGENT, ACCELERATOR ARE MIXED TOGETHER & THE SOLVENT IS ALLOWED TO EVAPORATE, THE SOLID END PRODUCT IS A NON-HAZARDOUS LANDFILL ITEM.

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