

CAAP CO INC -- CAAPCOAT 5-294 COLOR MATCHED LUSTERLESS POLYURETHANE TOPCOAT --
8010-01-242-8160

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

Product ID:CAAPCOAT 5-294 COLOR MATCHED LUSTERLESS POLYURETHANE TOPCOAT

MSDS Date:02/01/1994

FSC:8010

NIIN:01-242-8160

Status Code:A

MSDS Number: CLLYB

=== Responsible Party ===

Company Name:CAAP CO INC

Address:152 PEPE'S FARM RD

City:MILFORD

State:CT

ZIP:06460

Countr

y:US

Info Phone Num:203-877-0375

Emergency Phone Num:(800)424-9300

Preparer's Name:HENRY SIMMONS

Chemtrec Ind/Phone:(800)424-9300

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

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

Ingred Name:XYLENE

CAS:1330-20-7

RTECS #:ZE2100000

= Wt:51.

ACGIH TLV:434 MG/M3;100 PPM

ACGIH STEL:651 MG/M3;150 PPM

EPA Rpt

Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:MIBK
CAS:108-10-1
RTECS #:SA9275000
= Wt:17.
OSHA PEL:410 MG/M3;100 PPM
ACGIH TLV:205 MG/M3;50 PPM
ACGIH STEL:307 MG/M3;75 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE)
CAS:5124-30-1
RTECS #:HQ9250000
< Wt:.5
ACGIH TLV:0.054 MG/M3;.005 PPM

Ingred Name:TITANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
Minumum % Wt:5.
Maxumum % Wt:7.
OSHA PEL:15 MG/M3
ACGIH TLV:10 MG/M3

Ingred Name:CARBON BLACK
C
AS:1333-86-4
RTECS #:FF5800000
Minumum % Wt:.1
Maxumum % Wt:2.
OSHA PEL:3.5 MG/M3
ACGIH TLV:3.5 MG/M3

Ingred Name:SYNTHETIC AMORPHOUS SILICA, FUMED
CAS:112945-52-5
RTECS #:VV7310000
= Wt:2.5

Ingred Name:GREEN CHROMIUM OXIDE
CAS:1308-38-9
RTECS #:GB6475000
Minumum % Wt:0.
Maxumum % Wt:.5

Ingred Name:COPPER PHTHALOCYANINE BLUE
CAS:147-14-8
RTECS #:GL8510000
Minumum % Wt:0.
Maxumum % Wt:.5

Ingred Name:ISOCYANATE TERMINATED POLYESTER PREPOLYMER
CAS:54954-83-5
Code:F
= Wt:22.1

Ingred Name:PYRROIO

CYRROL RED 254
CAS:84632-65-5
Minumum % Wt:0.
Maxumum % Wt:.5

Ingred Name:ISOINDOLINE YELLOW 109
CAS:106276-79-3
Minumum % Wt:0.
Maxumum % Wt:.5

=====
===== 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.
IRRITATE SKIN, AND CAUSE RESPIRATORY IRRITATION UPON INHALATION.
CHRONIC: REPEATED OR PROLONGED 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 AND LIVER DAMAGE.
Effects of Overexposure:VAPOR EXPOSURE: BURNING EYES: HEADACHE,
DIZZINESS, THROAT IRRITATION, LOSS OF APPETITE, NAUSEA. MAY CAUSE
IRRITATION OF SKIN OR EYES.
Medical Cond Aggravated by Exposure:PREEXISTING ALLERGIES, EYE, SKIN,
AND RESPIRATORY DISORDERS.

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

First Aid:EYES: FLUSH WITH WATER. GET IMMEDIATE MEDICAL ATTENTION.
SKIN: REMOVE CONTAMINATED CLOTHING. WASH SKIN PROMPTLY WITH SOAP
AND WATER. IF SIGNS AND SYMPTOMS OF EXPOSURE EXIST, GET IMMEDIATE
MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR, GIVE
ARTIFICIAL RESPIRATION IF NECESSARY, GET IMMEDIATE ATTENTION.
INGESTION: DO NOT INDUCE VOMITING, GET IMMEDIATE MEDICAL ATTENTION,
IF VOMITING OCCURS SPONTANEOUSLY, KEEP VICTIM'S HEAD BELOW HIS
HIPS TO PREVENT BREATHING VOMITUS INTO LUNGS.

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

Flash Point Method:TOC
Flash Point:=-20.C, 68.F
Lower Limits:1.0
Upper Limits:8.0
Extinguishing Media:CO2, FOAM, DRY CHEMICAL.
Fire Fighting Procedures:UNUSUAL METHODS FOR FLAMMABLE LIQUIDS. THE
PRODUCT IS NOT MISCIBLE WITH WATER, ALTHOUGH WATER MAY BE USED TO
FIRE EXPOSED CONTAINERS.
Unusual Fire/Explosion Hazard:NONE, PRODUCT IS A FLAMMABLE LIQUID

IQUID.

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

Spill Release Procedures: REMOVE ALL SOURCES OF IGNITION AND DO NOT SMOKE IN THE AREA. WEAR PROTECTIVE EQUIPMENT INCLUDING SOLVENT RESISTANT GLOVES, APRON, BOOTS, AND A SELF CONTAINED APPARATUS IN THE PRESSURE DEMAND OR A POSITIVE PRESSURE AIR SUPPLIED RESPIRATOR. CONTAIN THE SPILL WITH DIKES OF ABSORBENT MATERIAL AND SOAK UP THE SPILL WITH THE ABSORBENT MATERIAL. CLEAN UP ABSORBENT AND CONTAIN SECURELY.

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

Other Precautions: FOR MORE COMPLETE HEALTH AND SAFETY INFORMATION ON THE USE OF COATINGS CONTAINING RESIDUAL ISOCYANATE CONSULT MOBAY'S HEALTH AND SAFETY INFORMATION.

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

Respiratory Protection: IF USE CONDITIONS GENERATE VAPORS OR MISTS WEAR A NIOSH APPROVED RESPIRATOR FOR THOSE EMISSION LEVELS AT POINT OF USE. APPROPRIATE RESPIRATORS INCLUDE A FULL FACEPIECE OR A

PURIFYING CARTRIDGE RESPIRATOR EQUIPPED FOR ORGANIC VAPORS AND MIST. A SELF CONTAINED BREATHING APPARATUS IN THE PRESSURE DEMAND MODE, OR A POSITIVE PRESSURE AIR SUPPLIED RESPIRATOR.

Ventilation: A SPRAY BOOTH IS REQUIRED FOR SPRAY APPLICATIONS. ONLY PROPERLY TRAINED AND PROTECTED PERSONNEL SHOULD BE IN THE IMMEDIATE SPRAY AREA.

Protective Gloves: SOLVENT RESISTANT GLOVES.

Eye Protection: SOLVENT RESISTANT SAFETY GOGGLES

Other Protective Equipment: AN EYE WASH AND SAFETY SHOWER SHOULD BE NEARBY AND READY FOR USE

Work Hygienic Practices: WASH WELL WITH SOAP AND WATER AFTER HANDLING THIS PRODUCT.

Supplemental Safety and Health

ONLY PROPERLY TRAINED AND PROTECTED PERSONNEL SHOULD BE IN THE IMMEDIATE SPRAY AREA. THE EXHAUST VENTILATION SHOULD BE SUFFICIENT TO KEEP THE AIRBORNE CONCENTRATION BELOW THE PEL. VENTILATION SYSTEMS SHOULD BE DESIGNED TO DRAW AIR PAST THE OPERATOR, THEN PAST THE SOURCE OF VAPOR, THEN TO THE EXHAUST,

NOT THE REVERSE.

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

Boiling Pt:=116.1C, 241.F
B.P. Text:241-281F (116-138C)
Vapor Pres:8 MM HG
Vapor Density:3.6
Spec Gravity:0.996
VOC Pounds/Gallon:652
VOC Grams/Liter:5.43
Evaporation Rate & Reference:.85 (BUTYL ACETATE = 1)
Solubility in Water:INSOLUBLE
Appearance and Odor:LIGHT TO DARK GRAY OR GREEN LIQUID, AROMATIC SOLVENT ODOR

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

Stability Indicator/ Materials to Avoid: YES
THIS PRODUCT IS INCOMPATIBLE WITH STRONG OXIDIZING AGENTS.
Stability Condition to Avoid: KEEP AWAY FROM ALL IGNITION SOURCES, HOT SURFACES, AND TEMPERATURES ABOVE 100F.
Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF NITROGEN, AS WELL AS NITROGEN, AS WELL AS TRACES OF HCN MAY BE RELEASED DURING COMBUSTION.

===== Toxicological Information =====

Toxicological Information: FOR MORE COMPLETE HEALTH AND SAFETY INFORMATION ON THE USE OF COATINGS CONTAINING RESIFUAL ISOCYANATE PLEASE CONSULT MOBAY'S HEALTH AND SAFETY INFORMATION BROCHURE.
*CONTAIN THE SPILL WITH DIKES OF AN ABSORBENT MATERIAL AND SOAK UP THE SPILL WITH THE ABSORBENT MATERIAL. CLEAN UP THE ABSORBENT AND CONTAIN SECURELY. SWEEP AND WET MOP THE AFFECTED AREA WITH SOAP AND WATER. VENTILATE THE AREA AS WELL AS POSSIBLE.

===== Ecological Information =====

Ecological: **THE USER

MUST BE FULLY PROTECTED FROM EXPOSURE TO THE MATERIAL DURING MIXING AND SPRAY APPLICATION. IF EXPOSURE MIGHT OCCUR A FULL PERMEATION RESISTANT PROTECTIVE SUIT INCLUDING HEAD COVERING, FACE SHIELD, GLOVES, AND OVERSHOES IS

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

Waste Disposal Methods:INCINERATION IN AN APPROPRIATE DESIGNED AND LICENSED; THIS IS A RCRA HAZARDOUS IGNITABLE WASTE. REGULATIONS MAY VARY FROM STATE TO STATE; DISPOSE OF ACCORDING TO STATE, LOCAL, AND FEDERAL REGULATIONS. WHEN THE FP-200, CURING AGENT AND ACCELERATOR ARE MIXED TOGETHER AND THE SOLVENT IS ALLOW RO EVAPOR ATE. THE SOLID END PRODUCT IS A NON-HAZARDOUS.

===== MSDS Transport Information =====

Transport Information:PAINT RELATED MATERIAL DOT CLASSIFICATION: 3. (FLAMMABLE LIQUID).

===== Regulatory Information =====

State Regulatory Information:MIBK, XYLENE: MA, PA RIGHT-TO-KNOW.

METHYLENE BIS (4-CYCLOHEXYLISOCYANTE) : MA, NJ, PA RIGHT-TO-KNOW.

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.