

AMERON PROTECTIVE COATINGS -- AMERCOAT 395 IVORY RESIN; HIGH SOLIDS AMINE CURED EPOXY NO -- 8010-00-402-0953

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

Product ID:AMERCOAT 395 IVORY RESIN; HIGH SOLIDS AMINE CURED EPOXY NO

MSDS Date:07/01/1996

FSC:8010

NIIN:00-402-0953

Status Code:A

MSDS Number: CKFKP

=== Responsible Party ===

Company Name:AMERON PROTECTIVE COATINGS

Address:201 NORTH BERRY STREET

Box:

1020

City:BREA

State:CA

ZIP:92622-1020

Country:US

Info Phone Num:714-529-1951

Emergency Phone Num:(800)424-9300

Chemtrec Ind/Phone:(800)424-9300

CAGE:0Y2E4

=== Contractor Identification ===

Company Name:AMERON PROTECTIVE COATINGS

Address:201 NORTH BERRY STREET

Box:1020

City:BREA

State:CA

ZIP:92622-1020

Country:US

Phone:714-529-1951

CAGE:0Y2E4

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

Ingred Name:TITANIUM DIOXIDE

CAS:13463-67-7

RTECS #:XR2275000

= Wt:14.7

OSHA PEL:5MG

/M3
ACGIH TLV:5MG/M3

Ingred Name:POTASSIUM ALUMINO-SILICATE
CAS:12269-78-2
= Wt:42.2
OSHA PEL:0.05 MG/M3
ACGIH TLV:0.1 MG/M3

Ingred Name:METHYL N-AMYL KETONE
CAS:110-43-0
RTECS #:MJ5075000
= Wt:4.56
OSHA PEL:50 PPM (235MG/M3)
ACGIH TLV:233 MG/M3;50 PPM

Ingred Name:EPOXY RESIN
CAS:25068-38-6
RTECS #:CE6880000
= Wt:34.55

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:SKIN: SEVERE IRRITANT. BURNS.

SENSITIZATION AN ALLERGIC REACTION SUCH AS RASH OR HIVES. CAN BE ABSORBED THROUGH THE SKIN. CAN CAUSE DEFATTING AND DRYING OF SKIN.

INHALATION: SEVERE IRRITANT. LUNG INJURY. CENTRAL NERVOUS SYSTEM DAMAGE. CHEMICAL PNEUMONIA. XYLENE OR TOLUENE MAY CAUSE IRREGULAR HEART BEAT. EYES: SEVERE IRRITANT. SEVERE INJURY.

BURNS. DO NOT WEAR CONTACT LENSES WHEN USING THIS MATERIAL. INGESTION: HARMFUL IF SWALLOWED. ASPIRATION INTO LUNGS CAN DAMAGE LUNGS AND CAUSE CHEMICAL PNEUMONIA.

Effects of Overexposure:SPRAY MIST AND SPATTERED MATERIAL CAN BE HARMFUL, IRRITATING TO EYES, SKIN AND IF INHALED TO NOSE AND THROAT. EXCESSIVE OR PROLONGED INHALATION CAN CAUSE HEADACH, NAUSEA OR DIZZINESS. PROLONGED OR REPEATED USE CAN AGGRAVATE OR ACCENTUATE ANY OF THESE EFFECTS. REPEATED OVEREXPOSURE TO SOLVENTS IS ASSOCIATED WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL ABUSE, MISUSE OR OTHER MASSIVE EXPOSURE

TO SOLVENTS

MAY CAUSE MULTIPLE ORGAN DAMAGE AND/OR DEATH.

Medical Cond Aggravated by Exposure:SKIN, EYES, RESPIRATORY, ALLERGIES.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. TREAT SYMPTOMATICALLY. SEE PHYSICIAN. SKIN: WASH THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. CONSULT PHYSICIAN IF IRRITATION PERSISTS. EYES: FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST

15 MINUTES AND GET MEDICAL ATTENTION.

INGESTION: DRINK 1 OR 2 GLASSES OF WATER TO DILUTE. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. DO NOT INDUCE VOMITING. CONTACT PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. TREAT SYMPTOMATICALLY. TARGET ORGANS: LUNGS, SKIN, EYES, STOMACH.

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

Flash Point Method:SCC

Flash Point:=-42.2C, 108.F

108F

Extinguishing Media:CO2, FOAM, DRY CHEMICAL.

Fire Fighting

Procedures:WEAR FULL PROTECTIVE EQUIPMENT, SELF-CONTAINED BREATHING APPARATUS. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT.

Unusual Fire/Explosion Hazard:CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT AND PRESSURE BUILDUP. MAY PRODUCE A FLOATING FIRE HAZARD. KEEP AWAY FROM HEAT AND OPEN FLAME. WATER OR FOAM MAY CAUSE FROTHING DUE TO GENERATION OF CARBONE DIOXIDE. WATER DECOMPOSES P

RODUCT TO IRRITATING AND FLAMMABLE MATERIAL.

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. AVOID BREATHING VAPORS. VENTILATE AREA. USE ABSORBENT, INERT, CLEANUP MATERIALS. (DO NOT USE SAWDUST.) REMOVE ABSORBENT MATERIAL WITH NON-SPARKING TOOLS. PLACE IN SEPARATE CONTAINER. KEEP OUT OF SEWERS AND WATERWAYS. IF ENTRY IS THREATENED OR OCCURS, NOTIFY LOCAL AUTHORITIES.

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Handling and Storage =====

Handling and Storage Precautions:KEEP CONTAINER CLOSED, UPRIGHT WHEN NOT IN USE. STORE IN COOL, DRY, WELL-VENTILATED AREA. AVOID PROLONGED STORAGE TEMPERATURES ABOVE 100' F.

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

Respiratory Protection:WEAR NIOSH/MSHA CERTIFIED RESPIRATOR DESIGNED TO REMOVE COMBINATION OF PARTICULATES(DUST/SPRAY MIST)&VAPOR.WHEN BRUSHING,ROLLIN/SPREADING SELECT APPROPRIATE RESPIRATORY PROTECTION

FOR CONDITIONS.FOR SPECIFIC CONDITIONS,REFER TO CURRENT "NIOSH POCKET GUIDE TO CHEMICAL HAZARDS".IN CONFINED/RESTRICTED VENTILATION AREAS USE AIR-LINE RESPIRATORS/HOODS.*

Ventilation:SUFFICIENT VENTILATION, IN VOLUME AND PATTERN, SHOULD BE PROVIDED TO KEEP AIR CONTAMINANT CONCENTRATIONS BELOW TLV LIMITS.

Eye Protection:SOLVENT RESISTANT GLASSES WITH SPLASH GUARDS OR FACE SHIELD

Other Protective Equipment:DEPENDENT UPON APPLICATION METHOD WEAR RESISTANT COVERAL

LS, GLOVES AND SHOE COVERINGS TO PREVENT SKIN CONTACT.CONSULT 29 CFR1910.132,133,136, 138;ANSI Z87.1.USE EXPLOSION AND SPARK PROOF EQUIPMENT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, SMOKING OR USING TOILET. LAUNDRER CONTAMINATED CLOTHING BEFORE USE.

Supplemental Safety and Health

*REFER TO 29 CFR, OSHA PARTS 1910 AND 1915 FOR COATING OPERATIONS. PART 1910.146 CONFINED SPACES: ANSI Z88.2, PRACTICES FOR RESPIRATORY PROTECTION.REMOVE WELDING OR FLAME CUTTING

DECOMPOSITION PRODUCTS. REFER TO 29 CFR, OSHA PARTS 1910 AND 1915 FOR COATING OPERATIONS, PART 1910.146, CONFINED SPACES.

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

Boiling Pt:=148.9C, 300.F

B.P. Text:300F

Vapor Density:>AIR

Spec Gravity:14.7 LBS/GAL

Evaporation Rate & Reference:0.34

Appearance and Odor:LIQUID/SOLVENT ODOR

Percent Volatiles by Volume:12.6

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

Stability

Indicator/Materials to Avoid: YES

STRONG OXIDIZERS, ACIDS, ALKALIES, WATER.

Stability Condition to Avoid: HEAT, OPEN FLAME, ARC OR SPARKS. WATER OR MOISTURE.

Hazardous Decomposition Products: CO, CO2. NOX, TOXIC GASSES OR FUMES.

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

Toxicological Information: TITANIUM DIOXIDE: LD50 10G/KG (DERMAL RABBIT); LC50 6820 PPM (INHALE., RAT) METHYL N-AMYL KETONE: LD50 12G/KG; LC50 4000 PPM EPOXY RESIN: LD50 20 G/KG

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

Ecological: EPA NO.: D001

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

Waste Disposal Methods: PLACE IN SEPARATE, APPROPRIATE, CLOSED CONTAINER IN ACCORDANCE WITH ALL APPLICABLE LOCAL, DSTATE, AND FEDERAL REGULATIONS. THIS MATERIAL HAS NOT BEEN TESTED BY TOXICITY CHARACTERISTIC LEACHIN PROCEDUR E (TCLP).

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

Transport Information: D
OT: PAINT UN# 1263

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

State Regulatory Information: CALIFORNIA PROPOSITION 65: WARNING! THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER. WARNING! THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. 1) POTASSIUM ALUMINO-SILICATE

===== Other Information =====

Disclaimer (

provided with this information by the compiling agencies):

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