

AMERON INTERNATIONAL PROTECTIVE COATINGS GROUP -- MIL-P-24441/33 TYPE IV GRAY
RO=3.6 B MILPC29317 -- 8010-01-380-2359

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

Product ID:MIL-P-24441/33 TYPE IV GRAY RO=3.6 B MILPC29317

MSDS Date:09/16/1998

FSC:8010

NIIN:01-380-2359

Status Code:A

MSDS Number: CLHXZ

=== Responsible Party ===

Company Name:AMERON INTERNATIONAL PROTECTIVE COATINGS GROUP

Address:201 NORTH BER

RY ST.

City:BREA

State:CA

ZIP:92821

Country:US

Info Phone Num:714-529-1951

Emergency Phone Num:(800)424-9300

Preparer's Name:HENRY SIMMONS

Chemtrec Ind/Phone:(800)424-9300

CAGE:55849

=== Contractor Identification ===

Company Name:AMERON INTERNATIONAL PROTECTIVE COATINGS GROUP

Address:201 NORTH BERRY ST.

Box:City:BREA

State:CA

ZIP:92821

Country:US

Phone:714-529-1951

CAGE:55849

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

Ingred Name:EPOXY RESIN

CAS:25068-38-6

RTECS #:CE6

880000
< Wt:50.

Ingred Name:MAGNESIUM SILICATE
CAS:14807-96-6
RTECS #:WW2710000
< Wt:35.
OSHA PEL:SEE TABLE Z-3
ACGIH TLV:2 MG/M3

Ingred Name:HIGH FLASH NAPHTHA
CAS:64742-95-6
RTECS #:WF3400000
< Wt:10.

Ingred Name:1,2,4-TRIMETHYLBENZENE
CAS:95-63-6
RTECS #:DC3325000
= Wt:7.4

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:VAPOR OR SPRAY MIST OR SPATTERED
MATERIAL CAN

BE HARMFUL. IRRITATING TO EYES, SKIN AND IF INHALED;
TO NOSE AND THROAT. EXCESSIVE OR PROLONGED INHALATION CAN CAUSE
HEADACHE, NAUSEA OR DIZZINESS. REPEAT ED AND PROLONGED OCCUPATIONAL
OVEREXPOSURES TO SOLVENTS IS ASSOCIATED WITH PERMANENT BRAIN AND
NERVOUS SYSTEM. INTENTIONAL ABUSE, MISUSE OR OTHER MASSIVE EXPOSURE
TO SOLVENTS MAY CAUSE MULTIPLE ORGAN DAMAGE AND/OR DEATH.

Effects of Overexposure:SKIN: IRRITANT. SEVERE BURNS. SENSITIZATION OR
ALLERGIC REACTION, SUCH AS R

ASH OR HIVES. CAN BE ABSORBED THROUGH
SKIN. INHALATION: IRRITANT, LUNG INJURY. CENTRAL NERVOUS SYSTEM
DAMAGE. EYES: IRRIT ANT INGESTION: HARMFUL IF SWALLOWED.
ASPIRATION INTO LUNGS CAN DAMAGE LUNGS AND CAUSE CHEMICAL
PNEUMONIA.

Medical Cond Aggravated by Exposure:LUNGS. SKIN. EYES. STOMACH. CENTRAL
NERVOUS SYSTEM.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. RESTORE NORMAL BREATHING.
TREAT SYMPTOMATI

CALLY. 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 (UNLESS METHANOL; LISTED IN SECTION 2). CONSULT PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. TREAT SYMPTOMATICALLY.

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

Flash Point Method:SCC

Flash Point:=-37.8C, 100.F

Lower Limits:1.0%

Upper Limits:7.0%

Extinguishing Media:FOAM, CO2, 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. ISOLATE FROM ELECTRICAL EQUIPMENT, SPARKS, HEAT, OR OPEN FLAMES. VAPORS MAY SPREAD LONG DISTANCE, CAUSES FLASH FIRE OR IGNITE EXPLOSIVELY.

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===== 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 100F. USE CAUTION WHEN POURING. AVOID BREATHING SANDING DUST. DO NOT WELD OR FLAME CUT ON

EMPTY CONTAINER.

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

Respiratory Protection:WEAR NIOSH/MSHA CERTIFIED RESPIRATOR DESIGNED TO REMOVE A COMBINATION OF PARTICULATES (DUST OR SPRAY MIST) AND VAPOR. WHEN BRUSHING, ROLLING OR SPREADING; SELECT THE APPROPRIATE RESPIRATORY PROTECTION FOR THE CONDITIONS.

Ventilation:IMPLEMENT ADMINISTRATIVE AND ENGINEERING CONTROLS TO REDUCE EXPOSURE. PROVIDE SUFFICIENT VENTILATION IN VOLUME AND PATTERN.

Eye Protection

n:WEAR SOLVENT RESISTANT GLASSES WITH SPLASH GUARDS OR FACE SHIELD.

Other Protective Equipment:DEPENDENT UPON APPLICATION METHOD, WEAR RESISTANT COVERALLS, GLOVES AND SHOE COVERINGS TO PREVENT SKIN CONTACT

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, SMOKING OR USING THE TOILET. LAUNDRY CONTAMINATED CLOTHING BEFORE USE. DESTROY CONTAMINATED LEATHER AND ABSORBENT SHOES WHICH CANNOT BE DECONTAMINATED.

Supplemental Safety and Health

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

Boiling Pt:=148.9C, 300.F

B.P. Text:300-336F

Vapor Density:>AIR

VOC Pounds/Gallon:340

Evaporation Rate & Reference:SLOWER THAN BUTYL ACETATE

Appearance and Odor:LIQUID, SOLVENT ODOR

Percent Volatiles by Volume:28.71

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS, ACIDS AND ALKALIES

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

Hazardous

Decomposition Products:CO, CO2, NOX, ALDEHYDES

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

Waste Disposal Methods:PLACE IN SEPARATE, APPROPRIATE, CLOSED CONTAINER IN ACCORDANCE LOCAL, STATE, AND FEDERAL REGULATIONS. THIS MATERIAL HAS NOT BEEN TESTED BY TOXICITY CHARACTERISTIC LEACHING PROCEDURE.

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

State Regulatory Information:NEW JERSEY RIGHT TO KNOW: THE FOLLOWING MATERIALS ARE NON-HAZARDOUS

US, BUT ARE AMONG THE TOP FIVE
COMPONENTS IN THIS PRODUCTS: POLYAMIDE

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