

AMERON INTERNATIONAL PROTECTIVE COATINGS GROUP -- MIL-P-24441/29 F-150 TYPE IV  
GREEN COMP B -- 8010-01-380-2389

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

Product ID:MIL-P-24441/29 F-150 TYPE IV GREEN COMP B

MSDS Date:03/14/1998

FSC:8010

NIIN:01-380-2389

Status Code:A

MSDS Number: CLHXP

=== Responsible Party ===

Company Name:AMERON INTERNATIONAL PROTECTIVE COATINGS GROUP

Address:201 NORTH BERRY ST.

City:B

REA

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 #:CE6880000

&lt; W

t:45.

Ingred Name:MAGNESIUM SILICATE  
CAS:14807-96-6  
RTECS #:WW2710000  
&lt; Wt:25.  
OSHA PEL:SEE TABLE Z-3  
ACGIH TLV:2 MG/M3

Ingred Name:CLAY  
CAS:66402-68-4  
&lt; Wt:15.  
OSHA PEL:10 MG/M3  
ACGIH TLV:10 MG/M3

Ingred Name:HIGH FLASH NAPHTHA  
CAS:64742-95-6  
RTECS #:WF3400000  
&lt; Wt:9.3  
OSHA PEL:100 PPM

Ingred Name:1,2,4-TRIMETHYLBENZENE  
CAS:95-63-6  
RTECS #:DC3325000  
&lt; Wt:6.9

Ingred Name:POLYAMIDE  
&lt; Wt:5.

===== 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 D

AMAGE AND/OR DEATH.

Effects of Overexposure:SKIN: IRRITANT. SEVERE BURNS. SENSITIZATION OR ALLERGIC REACTION, SUCH AS RASH OR HIVES. CAN BE ABSORBED THROUGH SKIN. INHALATION: IRRITANT, LUNG INJURY. CENTRAL NERVOUS SYSTEM DAMAGE. EYES: IRRITANT 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 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 (UNLESS METHANOL; LISTED IN SECTION 2). CONSULT PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. TREAT SYMPTOMATICALLY.

===== 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.

===== 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.

===== 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.

===== 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: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

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

Boiling Pt.=148.9C, 300.F  
B.P. Text:300-336F  
Vapor Density:>AIR  
VOC Pounds/Gallon:339  
Evaporation Rate & Reference:SLOWER THAN BUTYL ACETATE  
Appearance and Odor:LIQUID, SOLVENT ODOR  
Percent Volatiles by Volume:27.23

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

Stability Indicator/Materials to A

void:YES

STRONG OXIDIZERS, ACIDS AND ALKALIES

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

Hazardous Decomposition Products:CO, CO2, NOX. IRON OXIDES FUMES.  
ALDEHYDES.

===== 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.

===== O

ther Information =====

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 th  
is information to their  
particular situation.