

AMERON INTL CORP -- MIL-P-24441/20 F-150 TYPE III GREEN COMP A, 3173800 -- 8010-01-365-8848

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

Product ID:MIL-P-24441/20 F-150 TYPE III GREEN COMP A, 3173800

MSDS Date:10/12/1999

FSC:8010

NIIN:01-365-8848

Status Code:A

Kit Part:Y

MSDS Number: CLMXV

=== Responsible Party ===

Company Name:AMERON INTL CORP

Address:201 N BERRY ST

City:BREA

State:CA

ZIP:92821-3904

Countr

y:US

Info Phone Num:714-529-1951

Emergency Phone Num:800-424-9300

Preparer's Name:ERNEST CARTER

Chemtrec Ind/Phone:(800)424-9300

CAGE:1L7U2

=== Contractor Identification ===

Company Name:AMERON INTL CORP

Address:201 N BERRY ST

Box:City:BREA

State:CA

ZIP:92821-3904

Country:US

Phone:714-529-1951

CAGE:1L7U2

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

Ingred Name:TALC

CAS:14807-96-6

RTECS #:WW2710000

< Wt:40.

OSHA PEL:SEE TABLE Z-3

ACGIH TLV:2 MG/M3

Ingred Name:BUTYL A

LCOHOL
CAS:71-36-3
RTECS #:EO1400000
< Wt:25.2
OSHA PEL:300 MG/M3;100 PPM
ACGIH STEL:C152 MG/M3;C50 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:POLYAMIDE ADDUCT RESIN
< Wt:20.

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

Ingred Name:MAGNESIUM SILICATE
< Wt:10.

Ingred Name:IRON OXIDE YELLOW
CAS:51274-00-1
< Wt:5.

Ingred Name:AMIDO AMINE RESIN
CAS:68443-08-3
Code:F
< Wt:5.

Ingred Name:XYLENE
CAS:13
30-20-7
RTECS #:ZE2100000
< Wt:1.4
ACGIH TLV:434 MG/M3;100 PPM
ACGIH STEL:651 MG/M3;150 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:SKIN: SEVERE IRRITANT. SEVERE BURNS.
SENSITIZER. CAN BE ABSORBED THROUGH THE SKIN.CAN CAUSE DEFATTING
AND DRYING OF SKIN.INHALATION: SEVERE IRRITANT.DELAYED LUNG
INJURY.CENTRAL NERVOUS SYSTE

M DAMAGE. EYES: SEVERE IRRITANT.

IRREVERSIBLE BURNS AND DAMAGE. INGESTION: HARMFUL IF SWALLOWED.

ASPIRATION INTO LUNGS CAN DAMAGE LUNGS AND CAUSE CHEMICAL

PNEUMONIA. TARGET ORGANS: KIDNEYS. LIVER. BLOOD. LUNGS. HEART.

SKIN. EYES. STOMACH. CENTRAL NERVOUS SYSTEM. FETAL DEFECTS.

Effects of Overexposure: 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. REPEATED AND PROLONGED OCCUPATIONAL 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. (PROLONGED OR REPEATED USE): CAN AGGRAVATE OR ACCENTUATE ANY OF THESE EFFECTS.

Medical Cond Aggravated by Exposure: KIDNEYS. LIVER. SKIN. EYES. RESPIRATORY. ALLERGIES. LUNGS.

===== 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: 11.2%

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 BUILD UP . MAY PRODUCE A FLOATING FIRE HAZARD. ISOLATE FROM ELECTRICAL EQUIPMENT, SPARKS, HEAT AND OPEN FLAME. VAPORS MAY SPREAD LONG DISTANCES, CAUSE FLASH FIRE OR IGNITE EXPLOSIVELY.

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. AVOID BREATHING VAPORS. VENTILATE AREA. USE ABSORBENT, INERT CLEAN UP 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 100 F. 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 COMBUSTION OF PARTICULATES (DUST OR SPRAY MIST) AND VAPOR. WHEN BRUSHING, ROLLING OR SPREADING; SELECT THE APPROPRIATE RESPIRATORY PROTECTION FOR THE CONDITIONS. FOR SPECIFIC CONDITIONS, REFER TO CURRENT "NIOSH POCKET GUIDE TO CHEMICAL HAZARDS".

Ventilation:PROVIDE SUFFICIENT VENTILATION IN VOLUME AND PATTERN TO KEEP AIR CONTAMINANT CONCENTRATIONS BELOW TLV LIMITS.

Protective Gloves:WEAR RESISTANT GLOVES

Eye Protection:GLASSES WITH SPLASH GUARDS OR FACE SHIELD

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, SMOKING OR USING TOILET. DESTROY CONTAMINATED LEATHER OR SHOES.

Supplemental Safety and Health

===== Physical/Chemic

al Properties =====

Boiling Pt:B.P. Text:244-276 F
Vapor Density:HEAVIER
VOC Pounds/Gallon:340
Evaporation Rate & Reference:SLOWER THAN BUTYL
Appearance and Odor:LIQUID SOLVENT
Percent Volatiles by Volume:47.24%

===== 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.EPOXIES
UNDER UNCONTROLLED CONDITIONS.
Hazardous Deco
mposition Products:+PIGMENT CONTENT IS DEPENDENT ON
COLOR. (BY FIRE, BURNING OR WELDING): CO, CO2, NOX. IRON OXIDE
FUMES. TOXIC GASES OR FUMES.
Conditions to Avoid Polymerization:WILL NOT OCCUR UNDER NORMAL
CONDITIONS.

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

Waste Disposal Methods:PLACE IN SEPARATE, APPROPRIATE, CLOSED CONTAINER
IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL
REGULATIONS.

Disclaimer (provided with this information b
y 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.