AMERON INTERNATIONAL PROTECTIVE COATINGS GROUP -- MIL-P-24441/20 F-150 TYPE III GREEN COMP A, 3173800 -- 8010-01-350-4742

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

Product ID:MIL-P-24441/20 F-150 TYPE III GREEN COMP A, 3173800
MSDS Date:09/16/1998
FSC:8010
NIIN:01-350-4742
Status Code:A
Kit Part:Y
MSDS Number: CLNNS
=== Responsible Party ===
Company Name:AMERON INTERNATIONAL PROTECTIVE COATINGS GROUP
Address:201 NORTH BERRY ST.
City:BREA
State:CA
ZIP:92821
Country: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: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:TALC
CAS:14807-96-6

RTECS #:WW2710000
< Wt:40.
OSHA PEL:SEE TABLE Z-3
ACGIH TLV:2 MG/M3

Ingred Name:BUTYL ALCOHOL
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:1330-20-7
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
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SKIN: SEVERE IRRITANT. SEVERE BURNS.
SENSITIZER. CAN B

E ABSORBED THROUGH SKIN. CAN CAUSE DEFATTING AND DRYING OF SKIN. INHALATION: SEVERE IRRITANT. DELAYED LUNG INJURY. CENTRAL NERVOUS SYSTEM DAMAGE. CHEMICAL PNEUMONIA. XYENE OR TOLUENE MAY CAUSE IRREGULAR HEART BEAT. REPEATED EXPOSURE TO IRON DUST CAN CAUSE SIDEROSIS. EYES: SEVERE IRRITANT. IRREVERSIBLE BURNS AND DAMAGE. INGESTION: HARMFUL IF SWA LLOWED. ASPIRATION INTO LUNGS CAN DAMAGE LUNGS AND CAUSE CHEMICAL PNEUMONIA.

Effects of Overexposure:VAPOR OR SPRAY MIST OR SPAT
TERED MATERIAL CAN BE HARMFUL. IRRITATING TO EYES, SKIN, AND IF INHALED; TO NOSE AND THROAT. EXCESSIVE OR PROLONGED INHALATION CAN CAUSE HEADACHJE, NAUSEA OR DIZZINESS. REP EATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS IS ASSOCIATED WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL ABUSE, MIUSE OR OTHER MASSIVE EXPOSURE TO SOLVENTS MAY CAUSE MULTIPL E ORGAN DAMAGE AND/OR DEATH. OVER-EXPOSURE (PROLONGED OR REPEATED USE): CAN AGGRAVATE OR ACCE
NTUATE ANY OF THESE EFFECTS. TARGET ORGANS: KIDNEYS. LIVER. BLOOD. LUNGS. HEART. SKIN. EYES. STOMACH. CENTR AL NERVOUS SYSTEM. FETAL DEFECTS.

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 CL
OTHING. CONSULT PHYSICIAN IF IRRITATI ON 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 UNCO NSCIOUS PERSON. DO NOT INDUCE VOMITNG (UNLESS METHANOL; LISTED IN SECTION 2). CONSULT PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. TREAT SYMPTOMATICALLY.

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

Flash Po
int Method:SCC
Flash Point:=35.6C, 96.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 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 FRO

M ELECTRICAL EQUIPMENT, SPARKS,
HEAT AND OPEN FLAME.VAPORS MAY SPREAD LO NG 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 CLEANUP MATERIALS. (DO NOT USE SAWDUST.) REMOVE ABSORBENT MATERIAL WITH NON-SPARKING TOOLS. PLACE IN SEPARA TE CONTAINER. KEEP OUT OF SEWERS AND WATERWAYS. IF EN
TRY 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 N OT WELD OR FLAME CUT ON EMPTY CONTAINER.

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

Respirator
y 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. FOR SPECIFIC CONDITIONS, REFER TO CURRENT "NIOSH POCKET GUIDE TO CHEMICAL HAZARDS". IN CONFINED OR RESTRICTED VENTILATION AREAS USE AIR LIN
Ventilation:IMPLEMENT ADMINISTRATIVE AND ENGINEERING CONTROLS TO REDUCE EXPOSURE. PROVIDE SUFFICIENT
VENTILATION IN VOLUME AND PATTERN TO
KEEP AIR CONTAMINANT CONCENTRATIO
Protective Gloves:WEAR RESISTANT COVERALLS, GLOVES AND SHOE COVERINGS TO PREVENT SKIN CONTACT.
Eye Protection:WEAR SOLVENT RESISTANT GLASSES WITH SPLASH GUARDS OR FACE SHIELD TO PROTECT EYE
Other Protective Equipment:DEPENDENT UPON APPLICATION METHOD.
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, SMOKING OR USING TOILET. LAUNDER CONTAMINATED CLOTHING BEFORE USE.
Supplemental Saf

ety and Health

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

Boiling Pt:B.P. Text:244-276 F
Vapor Density:HEAVIER
VOC Pounds/Gallon:339
Evaporation Rate & Reference:IS SLOWER THAN BUTYL
Solubility in Water:NO
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 F
LAME, ARC OR SPARKS. EPOXIES
UNDER UNCONTROLLED CONDITIONS.
Hazardous Decomposition Products:(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. THIS MATERIAL
HAS NOT BEEN TESTED BY TOXICITY
CHARACTERISTIC LEACHING PROCEDUR E (TCLP).