

AMERON PROTECTIVE COATINGS -- F153 TYPE III DARK GRAY R1.8 COMP A #371470 --
8010-01-302-3604

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

Product ID:F153 TYPE III DARK GRAY R1.8 COMP A #371470

MSDS Date:04/03/1996

FSC:8010

NIIN:01-302-3604

Kit Part:Y

MSDS Number: CCKGM

=== Responsible Party ===

Company Name:AMERON PROTECTIVE COATINGS

Address:201 N BERRY ST

City:BREA

State:CA

ZIP:92622-1020

Country:US

Info

Phone Num:714-529-1951

Emergency Phone Num:800-424-9300 CHEMTREC

CAGE:0Y2E4

=== 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

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

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

In

gred Name:IRON OXIDE BLACK
CAS:1317-61-9
Fraction by Wt: 11.3%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3

Ingred Name:MAGNESIUM SILICATE
CAS:14807-96-6
RTECS #:MW2700000
Fraction by Wt: 36.46%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2 MG/M3
ACGIH TLV:2 MG/M3

Ingred Name:N-BUTYL ALCOHOL (SARA 313) (CERCLA) (VP = 4.3 @ 68F)(LD50
4.2G/KG; LC50 8000PPM)
CAS:71-36-3
RTECS #:EO1400000
Fraction by Wt: 29.22%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:50 PPM
ACGIH TLV:
50 PPM SKIN
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:TRIETHYLENE TETRAMINE (VP = 0.01 @ 68F)
CAS:112-24-3
RTECS #:YE6650000
Fraction by Wt: 1.06%
Other REC Limits:NONE RECOMMENDED

Ingred Name:POLYAMIDE ADUCT RESIN (VP = 6.5 @ 68F)
Fraction by Wt: 18.9%
Other REC Limits:NONE RECOMMENDED

Ingred Name:AMIDO-AMINE-RESIN (LD50 = 1.7 G/KG)
CAS:68443-08-3
Fraction by Wt: 1.95%
Other REC Limits:NONE RECOMMENDED

Ingred Name:VOC = 340 G/L
RTECS #:9999999VO
Other REC Limits:NONE RECOMMENDED

OSHA PEL:NOT EST.

===== 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:VAPOR/SPRAY MIST/SPATTERING CAN BE
HARMFUL.EYE/SKIN/NOSE/THROAT IRRIT.CHRONIC INHAL MAY CAUSE
HEADACHE/NAUSEA/DIZZINESS.OVEREXP TO SOLVENTS ASSOCIATED
W/PERMANENT BRAIN/NS DAMAGE.DELIBERATE MISUSE/MAS SIVE OVEREXPOS
MAY CAUSE MULTIPLE-ORGANDAMAGE/DEAT
H.CHRONIC:SKIN IRRIT/SEVERE
BURNS/SENSITIZATION/ALLERG REACT/RASH*
Effects of Overexposure:*HIVES.CAN BE
ABSORBED(DEFATS/DRYS).INHAL:IRRIT/LUNG INJURY.SENSITIZATION/ALLERG
REACTN/ASTHMA/CNS DAMAGE.CHEM PNEUMONIA.TOLUENE/XYLENE MAY CAUSE
IRREGULAR HEARTBEAT.EYE:SEVERE IRRIT/CORNEAL INJURY/SE VERE
BURNS.INGEST:HARMFUL.ASPIRATION HAZ. TARGETS
KIDNEY/LIVER/BLOOD/HEART/LUNG/SKIN/EYE/STOMACH/CNS/FETAL DEFECTS.
Medical Cond Aggravated by Exposure:KIDNEY/LIVER/SKIN/EYE/RESPIRATOR
Y
ALLERGIES/LUNGS.

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

First Aid:INHAL: GET FRESH AIR, RESTORE NORMAL BREATHING, TREAT
SYMPTOMATICALLY, SEE PHYSICIAN. SKIN: WASH W/SOAP & WATER REMOVE
CONTAM CLOTHES CALL DR IF IRRIT PERSISTS. EYES:FLUSH W/LOTS WATER
>15 MIN CALL DR .INGEST: DRINK 1-2 GLASSES WATER TO DILUTE NEVER
GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON. DONT INDUCE VOMITING.
CALL DR/POISON CONTROL CENTER IMMED. TREAT SYMPTOMATICALLY
.

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

Flash Point Method:SCC
Flash Point:96.0F,35.6C
Autoignition Temp:Autoignition Temp Text:NA
Lower Limits:1.4
Upper Limits:11.2
Extinguishing Media:FOAM, CARBON DIOXIDE & DRY CHEM.
Fire Fighting Procedures:WEAR FULL FIRE PROT. EQPT. SCBA, WATER MAY BE
USED TO COOL CNTNRS TO PREVENT PRESSURE BUILDUP OR EXPLOSION WHEN
EXPOSED TO EXTREME HEAT.
Unusual Fire/Explosion Hazard:CLSD CNTNRS EXPLODE (EXPOSED EXTREME
HEAT/PR

ESSURE BUILDUP).MAY PRODUCE FLOATING FIRE HZD. KEEP FROM
IGNIT SOURCES. VAPORS TRAVEL (FLASH FIRE/IGNITE/EXPLODE).

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

Spill Release Procedures:REMOVE IGNIT SOURCES, AVOID BREATHING VAPORS.
VENTILATE AREA USE ABSORBENT/INERT/CLEANUP MATLS. DO NOT USE
SAWDUST.REMOVE ABSORBENT MATL W/NONSPARKING TOOLS. PUT IN SEPARATE
CNTNRS/KEEP FROM SEWERS/WA TERWAYS. IF ENTRY THREAT/OCCURS CALL
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 >100F.

Other Precautions:CAREFUL POURING.DONT BREATHE SANDING DUST/WELD/FLAME
CUT EMPTY CNTNR.DESTROY NONDECONTAMABLES (LEATHER/SHOES)*****Z49.1
"SAFTEY IN WELDING AND CUTTING".REFER TO 29 CFR 1910 & 1915. FOR
COATING OPERATI ONS; PART 1910.146 FOR CONFINED SPACES.

===== Ex
posure Controls/Personal Protection =====

Respiratory Protection:WEAR NIOSH/MSHA RESPIRATOR DESIGNED TO REMOVE
PARTICULATES/VAPORS. WHEN BRUSH/ROLLING/SREADING USE RESP PROT FOR
SPECIFIC CONDITIONS. REFER TO NIOSH POCKET GUIDE TO CHEM HAZ. IN
CONFINED/RESTRICTED VE NT AREA USE AIRLINE RESP OR HOODS. ****

Ventilation:USE ADMIN/ENGINEERING CNTRLs TO REDUCE EXPOS.PROVIDE VENT
(AIR

pH:NA

Evaporation Rate & Reference:0.5 (BUAC=1)

Solubility in Water:NA

Appearance and Odo

r:LIQUID W/SOLVENT ODOR.

Percent Volatiles by Volume:50.2

Corrosion Rate:NA

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS ACIDS & ALKALIES.

Stability Condition to Avoid:HEAT/OPEN FLAME ARC OR SPARK, EPOXIES
UNDER UNCONTROLLED CONDITIONS.

Hazardous Decomposition Products:CO, CO2, NOX, IRON OXIDE FUMES, TOXIC
GASES/FUMES, AMONIA.

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

Waste Di

sposal Methods:PLACE IN SEPARATE/CLSD CNTNR IN ACCORDANCE
W/LOCAL/STATE/FED REGS. MATL HAS NOT BEEN TESTED BY TOXICITY
CHARACTERISTIC LEACHING PROCEDURE (TCLP). EPA WASTE D001.

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