

AMERON INC PROTECTIVE COATINGS DIV -- F 153 TYPE III DARK GRAY R1.8 COMP A #371470 --
8010-01-350-4744

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

Product ID:F 153 TYPE III DARK GRAY R1.8 COMP A #371470

MSDS Date:04/03/1996

FSC:8010

NIIN:01-350-4744

Kit Part:Y

MSDS Number: CCKJY

=== Responsible Party ===

Company Name:AMERON INC PROTECTIVE COATINGS DIV

Address:201 N BERRY ST

City:BREA

State:CA

ZIP:92622-10

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Country:US

Info Phone Num:714-529-1951 (H. KLINE)

Emergency Phone Num:800-424-9300 CHEMTREC

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: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.

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

Routes of Entry: Inhalation:YES Sk

in: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/DEATH.CHRONIC:SKIN IRRIT/SEVERE BURNS/SENSITIZATION/ALLERG REACT/RASH*

Effects of Overexposure:*HIVES.CAN BE ABSORBED(DEF

ATS/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/RESPIRATORY 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

Autoi

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

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===== 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.

===== 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.

===== Exposure 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 Odor: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 Disposal 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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