

AMERON PROTECTIVE COATINGS -- AMERLOCK, 400 AL RESIN -- 8010-00N010525

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

Product ID:AMERLOCK, 400 AL RESIN
MSDS Date:03/09/1990
FSC:8010
NIIN:00N010525
MSDS Number: BXDSG
=== Responsible Party ===
Company Name:AMERON PROTECTIVE COATINGS
Address:201 N BERRY ST
Box:1020
City:BREA
State:CA
ZIP:92621-1020
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 =====

Ingred Name:BISPHENOL A-EPICHLOROHYDRIN COPOLYMER. LD50:(ORAL,RAT) 11.4
G/KG
CAS:25068-38-6
RTECS #:SL6475000
Fraction by Wt: <60%
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:ALUMINUM (SARA 313)
CAS:7429-90-5
RTECS #:BD0330000
Fraction by Wt: <25%
OSHA PEL:15 MG/M3 DUST
ACGIH TLV:10 MG/M3 DUST

Ingred Name:NEODECANOIC ACID, 2,3-EPOXYPROPYL ESTER; (EPOXY RESIN).
VP:2.5 @ 68F. LD50:(ORAL,RAT)9.6 G/KG
CAS:26761-45-5

RTECS #:Q07800000
 Fraction by Wt: <15%
 OSHA PEL:N/K
 ACGIH TLV:N/K

Ingred Name:MINERAL SPIRITS. VP:5.2 @ 68F. DL50:(ORAL,RAT)5 G/KG
 CAS:64475-85-0
 RTECS #:PY8240000
 Fraction by Wt: 7.67%
 OSHA PEL:N/K
 ACGIH TLV:N/K

Ingred Name:IRON (III) OXIDE; (IRON OXIDE)
 CAS:1309-37-1
 RTECS #:NO7400000
 Fraction by Wt: <5%
 OSHA PEL:10 MG/M3 (FE)
 ACGIH TLV:5MG (FE)/M3FUME, B2

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 Hazards Identification
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LD50 LC50 Mixture:SEE INGREDIENTS
 Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
 Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
 Health Hazards Acute and Chronic:VAPOR, SPRAY MIST AND/OR DUST CAN BE
 HARMFUL. ACUTE:IRRITATING TO SKIN, MUCOUS MEMBRANES, EYES AND
 RESPIRATORY SYSTEM. EXCESSIVE INHALATION CAN CAUSE HEADACHE,
 NAUSEA, DIZZINESS OR ASPHYXIATION. REPEA TED AND PROLONGED
 OCCUPATION OVEREXPOSURE TO SOLVENTS IS ASSOCIATED WITH PERMANENT
 BRAIN AND NERVOUS (EFTS OF OVEREXP)
 Explanation of Carcinogenicity:NOT RELEVANT.
 Effects of Overexposure:HLTH HAZ:SYSTEM DAMAGE. CAN BE HARMFUL OR FATAL
 IF SWALLOWED. OVERXPOSURE CAN DAMAGE LUNGS, CENTRAL NERVOUS SYSTEM.
 SKIN AND RESPIRATORY SENSITIZATION AND ALLERGIC REACTION SUCH AS
 RASH, HIVES OR ASTH MA CAN OCCUR.
 Medical Cond Aggravated by Exposure:RESPIRATORY. ALLERGIES. SKIN.

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 First Aid Measures
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First Aid:INHAL:OVEREXPOSURE TO VAPOR, SPRAY MIST OR DUST-PROVIDE FRESH
 AIR; IF BRTHG LABORED, GIVE OXYG/ARTF RESP. SKIN:WASH THORO W/SOAP
 & WATER. EYES:FLUSH IMMED W/PLENTY OF WATER FOR @ LEAST 15 MINS &
 GET M ED ATTN. INGEST:DRINK 1-2 GLASSES OF WATER TO DILUTE. DO NOT
 INDUCE VOMIT. CONSULT PHYS OR POIS CTL CTR IMMED. TREAT
 SYMPTOMATICALLY.

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 Fire Fighting Measures
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Flash Point Method:SCC
 Flash Point:110F,43C
 Lower Limits:0.90%
 Upper Limits:6.00%
 Extinguishing Media:FOAM, CO*2, DRY CHEMICAL.
 Fire Fighting Procedures:NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP .
 CLSD CNTNRS MAY EXPLODE WHEN EXPOS TO EXTREME HEAT. ISOLATE FROM
 HEAT, ELEC EQUIP, SPARKS & OPEN FLAME.(SUPDAT)
 Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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 Accidental Release Measures
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Spill Release Procedures:AVOID BRTHG OF VAP/DUST. USE ABSORB CLEANUP MATLS/SWEEP UP. PLACE IN SEPARATE CNTNR. KEEP OUT OF PUBLIC SEWERS & WATERWAYS. IF ENTRY IS THREATENED/OCCURS, NOTIFY LOCAL AUTH. ELIMINATE ALL SOURCES OF I GNIT.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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 Handling and Storage
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Handling and Storage Precautions:KEEP CNTNR CLSD, UPRIGHT WHEN NOT IN USE. STORE IN COOL, DRY, WELL VENTILATED AREA. AVOID STORAGE TEMPS ABOVE 100 DEGREES FAHRENHEIT.

Other Precautions:DO NOT TAKE INTERNALLY. AVOID PRLNGD BRTHG OF DUST, VAP/SAPRY MIST/CONT W/SKIN & EYES. DO NOT WELD/FLAME CUT EMPTY CNTNRS. GROUND CNTNRS WHEN POURING AVOID WATER CONTAM, MOISTURE GENERATES GAS. DESTROY CONTAMD LEATHER & ABSORB SHOES(SUPDAT)

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 Exposure Controls/Personal Protection
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Respiratory Protection:NIOSH/MSHA CERTIFIED RESP. FOR SPECIFIC CNDTNS REFER TO NIOSH/MSHA POCKET GUIDE TO CHEM HAZS, DHEW NO 78-210. USE NIOSH/MSHA APPRVD AIR-LINE RESP IN CONFINED/RESTRICTED VENT AREA, OR W/POLYURETHANE/ISOCYANATES. REFER TO 29 CFR, (SUPDAT)

Ventilation:SUFFICIENT VENT, IN VOL & PATTERN, SHOULD BE PROVIDED TO KEEP AIR CONTAMINANT CONC BELOW TLV LIM. REMOVE WELDING (SUPDAT)

Protective Gloves:NEORPENE GLOVES.

Eye Protection:ANSI APPRVD CHEM WORK GOGG .

Other Protective Equipment:FULL PROT CLTHG. SPARK-PROOF EQUIP. ANSI APPRVD EMERGENCY EYE WASH & DELUGE SHOWER .

Work Hygienic Practices:WASH THORO BEFORE EATING, SMOKING/USING WASHROOM. LAUNDRY CONTAMD CLTHG BEFORE REUSE.

Supplemental Safety and Health

EVAP RATE:LOW:1.00, HIGH:1.00 (BUTYL ACETATE =1). FIRE FIGHT PROC:AVOID WATER. GENERATES HYDROGEN. OTHER PRECAUT:WHICH CANNOT BE DECONTAMD. RESP PROT:OSHA PARTS 1910, 1915, AND 1916 FOR COATING OPERATIONS. VENT:OR FLAME CUTTING DECOMP PROD. REFER TO 29 CFR, OSHA PARTS 1910, 1915, & 1916 FOR COATING OPERATIONS.

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 Physical/Chemical Properties
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Boiling Pt:B.P. Text:250F,121C

Vapor Pres:SEE INGS

Vapor Density:HVR/AIR

Spec Gravity:1.2-1.25

Evaporation Rate & Reference:SUPP DATA

Appearance and Odor:LIQUID WITH SOLVENT ODOR

Percent Volatiles by Volume:16

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 Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS, ACIDS, ALKALIES.

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

Hazardous Decomposition Products:BURNING OR WELDING: CO & CO*2. IRON OXIDE FUMES. ALDEHYES. ALUMINIUM OXIDE FUMES.

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 Disposal Considerations
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Waste Disposal Methods:IN SEPARATE, CLOSED METAL CNTNR IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. EPA WASTE NO:D001

D003.

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