

AMERON INC PROTECTIVE COATINGS DIV -- AMERCOAT 3203 -- 8010-01-344-5314

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

Product ID:AMERCOAT 3203

MSDS Date:07/30/1992

FSC:8010

NIIN:01-344-5314

MSDS Number: BRNYK

=== Responsible Party ===

Company Name:AMERON INC PROTECTIVE COATINGS DIV

Address:201 N BERRY ST

City:BREA

State:CA

ZIP:92621-3904

Country:US

Info Phone Num:714-529-4597 / 714-990-0437

Emergency Phone N

um:714-529-4597 / 714-990-0437

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:AKLYD RESIN (VAPOR PRESSURE 3.24 MM HG @ 68F)

Fraction by Wt: < 45%

Other REC Limits:NONE SPECIFIED

Ingred Name:TALC (ASBESTOS FREE) (LD50 2.1 - LC50 510)

CAS:14807-96-6

RTECS #:

MW2700000

Fraction by Wt: < 25%

Other REC Limits:NONE SPECIFIED

OSHA PEL:2 MG/M3

ACGIH TLV:2 MG/M3

Ingred Name:TITANIUM DIOXIDE (LD50 24 G/KG - LC50 6820 PPM)

CAS:13463-67-7

RTECS #:XR2275000

Fraction by Wt: < 25%

Other REC Limits:NONE SPECIFIED

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:METHYL N-AMYL KETONE (VAPOR PRESSURE 4 MM HG @ 68F) (LD50
1.6 G/KG - LC50 4000 PPM)

CAS:110-43-0

RTECS #:MJ5075000

Fraction by Wt: 16.94%

Other REC Limits:NONE SPECIFIED

OSHA PEL:10

0 PPM; 465 MG/M3

ACGIH TLV:50 PPM; 235 MG/M3

Ingred Name:BLACK IRON OXIDE (SARA 313)

CAS:1317-61-9

Fraction by Wt: < 15%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3

Ingred Name:BUTYL ACETATE (CERCLA) (VAPOR PRESSURE 10 MM HG @ 68F)
(LD50 14 G/KG - LC50 2000 PPM)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: 8.46%

Other REC Limits:NONE SPECIFIED

OSHA PEL:150 PPM; 710 MG/M3

ACGIH TLV:150 PPM; 710 MG/M3

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:IRON OXIDE

(LD50 > 10 G/KG)
CAS:1309-37-1
RTECS #:NO7400000
Fraction by Wt: < 10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:10 MG/M3 (FE)
ACGIH TLV:5 MG/M3(FE),B2; 9293

Ingred Name:MICA
CAS:12001-26-2
RTECS #:VV8760000
Fraction by Wt: < 5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:20 MPPCF
ACGIH TLV:3 MG/M3 RDUST; 9293

Ingred Name:CARBON BLACK
CAS:1333-86-4
RTECS #:FF5800000
Fraction by Wt: < 5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:3.5 MG/M3
ACGIH TLV:3.5 MG/M3

Ingred Name:MINERAL SPIRITS (VAPOR PRES
SURE 2 MM HG @ 68F) (LD50 5 G/KG
- LC50 700 PPM)
CAS:8052-41-3
RTECS #:WJ8925000
Fraction by Wt: 1.79%
Other REC Limits:NONE SPECIFIED
OSHA PEL:500 PPM
ACGIH TLV:100 PPM; 9293

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Health Hazards Acute and Chronic:CAN BE HARMFUL IF SWALLOWED. CAN BE
HARMFUL IF INHALED. CAN BE HARMFUL IF INHALED OR ABSORBED THROUGH
THE SKIN. OVEREXPOSURE CAN DAMAGE KIDNEYS & LIVER,

LUNGS, CENTRAL

NERVOUS SYSTEM (CNS). OVEREXPOSURE CAN CAUSE SEVERE EYE INJURY. OVEREXPOSURE CAN CAUSE DELAYED LUNG INJURY. CHEMICAL PNEUMONIA. ASPIRATION HAZARD.

Effects of Overexposure: VAPOR OR SPRAY MIST CAN BE HARMFUL. IRRITATING TO EYES, SKIN, NOSE & THROAT. EXCESSIVE INHALATION CAN CAUSE HEADACHE, NAUSEA, OR DIZZINESS. REPEATED & PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENT IS ASSOCIATED WITH PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE.

Medical Cond Aggravated by Exposure: RESPIRATORY. SKIN

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

First Aid: OVEREXPOSURE TO VAPOR/SPRAY MIST - PROVIDE FRESH AIR; IF BREATHING LABORED, GIVE OXYGEN OR ARTIFICIAL RESPIRATION. FOR SKIN CONTACT, WASH THOROUGHLY W/SOAP & WATER. FOR EYES, FLUSH IMMEDIATELY W/PLENTY OF WATER FOR AT LEAST 15 MINUTES & GET MEDICAL ATTENTION. IF SWALLOWED, DRINK 1 OR 2 GLASSES OF WATER TO DILUTE. DO NOT INDUCE VOMITING. CONSULT A PHYSICIAN OR POISON

CONTROL. TREAT SYMPTOMATICALLY.

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

Flash Point Method: SCC

Flash Point: 95.0F, 35.0C

Lower Limits: 1.00 %

Upper Limits: 8.00 %

Extinguishing Media: FOAM, CO2, DRY CHEMICAL

Fire Fighting Procedures: WEAR FULL PROTECTIVE EQUIPMENT, SELF-CONTAINED BREATHING APPARATUS (SCBA).

Unusual Fire/Explosion Hazard: CLSD CNTNRS EXPLODE EXPOSED TO EXTREME HEAT. ISOLATE FROM ALL HEAT TYPES. PREVENT STATIC DISCHARGE. VAPORS SPREAD LONG DISTANCES. CAUSE FLASH FIRE OR IGNITE.

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

Spill Release Procedures: AVOID BREATHING OF VAPORS. USE ABSORBENT CLEANUP MATERIALS. PLACE IN SEPERATE CONTAINER. KEEP OUT OF SEWERS & WATERWAYS. IF ENTRY IS THREATENED OR OCCURS, NOTIFY LOCAL AUTHORITIES. ELIMINATE ALL SOURCES OF IGNITION.

=====
===== Handling and Storage =====

Handling and Storage Precautions: KEEP CONTAINER CLOSED, UPRIGHT WHEN

NOT IN USE. STORE IN COOL, DRY, WELL VENTILATED AREA. AVOID STORAGE TEMPERATURES ABOVE 100 DEGREES FAHRENHEIT.

Other Precautions:DO NOT TAKE INTERNALLY. AVOID PROLONGED BREATHING OF VAPORS OR SPRAY MIST OR CONTACT WITH SKIN & EYES. DO NOT WELD OR FLAME CUT ON EMPTY CONTAINER. GROUND CONTAINERS WHEN POURING.

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

Respiratory Protection:NIOSH/MSHA CERTIFIED RESPIRATOR. FOR SPECIFIC CONDITIONS, REFER TO CURRENT NIOSH POCKET GUIDE TO CHEMICAL HAZARDS. USE AIR-LINE RESPIRATORS IN CONFINED/RESTRICTED AREAS. REFER TO 29 CFR, OSHA PARTS 19 10, FOR COATING OPERATIONS.

Ventilation:SUFFICIENT VENTILATION, IN VOLUME & PATTERN, TO KEEP AIR CONTAMINANT BELOW TLV LIMIT.

Protective Gloves:NEOPRENE, OTHER IMPERVIOUS FOR SOLVENTS

Eye Protection:SPLASH-PROOF GOGGLES OR FACE SHIELD

Other Protective Equipment:FULL PROTECTIVE CLOTHING. SPARK-PROOF EQUIPMENT.

Work Hygienic Practices:WASH THOROUGHLY BEFORE EATING, SMOKING OR USING

WASHROOM. REMOVE & WASH CONTAMINATED CLOTHING BEFORE REUSE. Supplemental Safety and Health

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

HCC:F4

Boiling Pt:B.P. Text:252 TO 315F

Vapor Density:> AIR

Evaporation Rate & Reference:LOW: 0.13 HIGH: 1.00

Appearance and Odor:LIQUID, SOLVENT ODOR

Percent Volatiles by Volume:40

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

Stability Indicator/Materials to Avoid:NO

STRONG OXIDIZE

RS, ACIDS, ALKALIES

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

Hazardous Decomposition Products:PRODUCT BY FIRE, BURNING OR WELDING: CO AND CO2. IRON OXIDE FUMES.

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

Waste Disposal Methods:IN SEPERATE, CLOSED METAL CONTAINER IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS. EPA WASTE NO: D001

Disclaimer (provided with this information by 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.