

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 Condition 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 SEPARATE 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 OXIDIZERS, 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

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