

AMERON PROTECTIVE COATING -- AMERCOAT, 10 -- 8010-00-466-5917

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

Product ID:AMERCOAT, 10

MSDS Date:10/29/1993

FSC:8010

NIIN:00-466-5917

MSDS Number: BWSRX

=== Responsible Party ===

Company Name:AMERON PROTECTIVE COATING

Address:201 N BERRY ST

City:BREA

State:CA

ZIP:92622-1020

Country:US

Info Phone Num:744-529-1951

Emergency Phone Num:800-424-9300 (CHEMTREC)

CAGE:55

847

=== Contractor Identification ===

Company Name:AMERON PROTECTIVE COATING

Address:201 N BERRY ST

Box:City:BREA

State:CA

ZIP:92622-1020

Country:US

Phone:744-529-1951

CAGE:55847

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

Ingred Name:TOLUENE (SARA 313) (CERCLA) VP: 22 @ 68F LD50: (ORAL,  
RAT) 5 G/KG

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 58.69%

OSHA PEL:200 PPM

ACGIH TLV:50 PPM, S

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:2-PENTANONE, 4-ME

THYL-; (METHYL ISOBUTYL KETONE) (HEXONE)  
(SARA 313) (CERCLA) VP: 16 @ 68F LD50: (ORAL, RAT) 2 G/KG  
CAS:108-10-1  
RTECS #:SA9275000  
Fraction by Wt: 41.31%  
OSHA PEL:100 PPM  
ACGIH TLV:50 PPM; 75 STEL  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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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:VAP/SPR  
AY MIST CAN BE HARMFUL. IRRIT  
TO EYES, SKIN, NOSE & THROAT. EXCESS INHAL CAN CAUSE HDCH, NAUS OR  
DIZZ. RPTD & PRLNG OCCUP OVEREXP TO SOLV IS ASSOC W/PERM BRAIN &  
NERVOUS SYS DMG. CAN BE HARMFUL IF SWALLOWED. CAN BE HARMFUL IF  
INHALED OR ABSORBED THRU THE SKIN. OVEREXP MAY CAUSE CHANGES IN  
CELL (EFTS OF OVEREXP)  
Explanation of Carcinogenicity:NOT RELEVANT  
Effects of Overexposure:HLTH HAZ: GENETIC MATL. OVEREXP CAN DMG CNS.  
OVEREXP OR INGEST CAN CAUSE LUNG, KIDNEY &/OR LIV  
ER DMG. OVEREXP  
CAN CAUSE SKIN & EYE BURNS &/OR INJURY. CHEM PNEUM. ASPIR HAZ.  
TOLUENE APPEARS ON NAVY LIS T OF OCCUP CHEM REPRO HAZS. SEEK  
CONSULTATION FROM APPROP HLTH PROFESSIONALS CONCERNING LATEST HAZ  
LIST INFO & (SUPDAT)  
Medical Cond Aggravated by Exposure:RESPIRATORY. KIDNEY AND LIVER  
DISORDERS. SKIN. HEART.

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===== First Aid Measures =====  
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First Aid:INHAL: PROVIDE FRESH AIR; IF BREATHING LABORED, GIVE OXYGEN  
OR ARTIFICIAL RESP  
IRATION. SKIN: WASH THOROUGHLY WITH SOAP & WATER.  
EYES: FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15  
MINUTES & G ET MEDICAL ATTENTION. INGEST: DRINK 1 OR 2 GLASSES OF  
WATER TO DILUTE. DO NOT INDUCE VOMITING. CONSULT MD OR POISON  
CONTROL CENTER IMMEDIATELY. TREAT SYMPTOMATICALLY.

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===== Fire Fighting Measures =====  
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Flash Point Method:SCC  
Flash Point:36.0F,2.2C  
Lower Limits:1.20%  
Upper Limits:7.50%  
Extinguishing Media:FOAM, CARBON DIOXID

E, DRY CHEMICAL.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:CLSD CNTNRS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. ISOLATE FROM HEAT, ELEC EQUIP, SPARKS & OPEN FLAME. PVNT STATIC DISCHARGE. AN INGRED MAY PRDCE A (SUPDAT)

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

Spill Release Procedures:AVOID BREATHING OF VAPORS. USE ABSORBENT CLEANUP MATERIALS. PLACE IN SEPARATE CONTAINER. KEEP OUT OF SEWERS

AND WATERWAYS. IF ENTRY IS THREATENED OR OCCURS, NOTIFY LOCAL AUTHORITIES. ELIMINATE ALL SOURCES OF IGNITION.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== 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 100F.

Other Precautions:DO NOT TAKE INTERNALLY. AVOID PROLONGED BREATHING OF VAP

ORS OR SPRAY MIST OR CONTACT WITH SKIN AND EYES. DO NOT WELD OR FLAME CUT AN EMPTY CONTAINER. GROUND CONTAINERS WHEN POURING.

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

Respiratory Protection:NIOSH/MSHA APPRVD APPRVD RESP. FOR SPECIFIC CNDTNS, REFER TO CURRENT NIOSH POCKET GUIDE TO CHEM HAZ. USE NIOSH/MSHA APPRVD AIR-LINE RESPS IN CONFINED OR RESTRICTED VENT AREAS. REFER TO 29 CFR, OSHA PARTS 1910 & 1915, FOR COATING OPERATIONS.

Ventilation:SUFFICIENT

VENT, IN VOL & PATTERN, SHOULD BE PROVIDED TO KEEP AIR CONTAMINANT CONCS BELOW TLV LIMIT. REMOVE (SUPDAT)

Protective Gloves:NEOPRENE/IMPERVIOUS MATL FOR SOLVS.

Eye Protection:ANSI APPRVD CHEM WORKERS GOGG (SUPDAT)

Other Protective Equipment:EYE WASH FOUNTAIN & DELUGE SHOWER MEETING ANSI DESIGN CRITERIA . FULL PROTECTIVE CLOTHING. SPARK-PROOF EQUIPMENT.

Work Hygienic Practices:WASH THOROUGHLY BEFORE EATING, SMOKING OR USING WASHROOM. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

EXPLO HAZ: FLOATING FIRE HAZ. VAPS MAY SPREAD LONG DIST, CAUSE FLASH FIRE OR IGNITE EXPLOSIVELY. EFTS OF OVEREXP: SAFE HNDLG & EXPOS INFO . VENT: WELDING OR FLAME CUTTING DECOMP PRODS. REFER TO 29 CFR, OSHA PART 1910 & 1915, FOR COATING OPERATIONS. EYE PROT: & FULL LENGTH FACESHIELD .

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

Boiling Pt:B.P. Text:>231F,>111C  
Vapor Pres:SEE INGS  
Vapor Density:HVR/AIR  
Spec Gravity:0.839

Evaporation Rate & Reference:1.60-2 (BUTYL ACETATE=1)  
Appearance and Odor:LIQUID; SOLVENT ODOR.  
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZERS, ACIDS, ALKALIES.  
Stability Condition to Avoid:HEAT, OPEN FLAME, ARC OR SPARKS.  
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE.

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

Waste Disposal Method  
s:IN SEPARATE, CLOSED METAL CONTAINER IN  
ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL  
REGULATIONS. EPA WASTE NO: D001.

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