

AMERON INTERNATIONAL PROTECTIVE COATINGS GROUP -- 010T0000 T-10 THINNER,  
DV010T00032 -- 8010-01-272-3208

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Product Identification  
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Product ID:010T0000 T-10 THINNER, DV010T00032

MSDS Date:09/15/1998

FSC:8010

NIIN:01-272-3208

Status Code:A

MSDS Number: CJNKZ

=== Responsible Party ===

Company Name:AMERON INTERNATIONAL PROTECTIVE COATINGS GROUP

Address:201 NORTH BERRY ST

City:BREA

State:CA

ZIP:92821

Country:US

Info Phone Num:714-529-1951

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

Preparer's Name:H. KLINE

Chemtrec Ind/Phone:(800)424-9300

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

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Composition/Information on Ingredients  
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Ingred Name:BUTYL ALCOHOL; VP: 4.3 MMHG @ 68F; LD50: 4.200 G/KG; LC50:

8000.000 PPM

CAS:71-36-3

RTECS #:EO1400000

&lt; Wt:38.8

Other REC Limits:N/K

OSHA PEL:300 MG/M3;100 PPM

OSHA STEL:N/K

ACGIH TLV:150 MG/M3;50 PPM

ACGIH STEL:C152 MG/M3;C50 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:XYLENE (CONTAINS BENZENE) VP: 6.6 MMHG @ 68F; LD50: 3.900

G/KG; LC50: 6700.000 PPM

CAS:1330-20-7

RTECS #:ZE2100000

&lt; Wt:33.3

Other REC Limits:N/K

OSHA PEL:435 MG/M3;100 PPM

OSHA STEL:150 PPM

Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:BENZENE  
CAS:71-43-2  
RTECS #:CY1400000  
Fraction by Wt: 5% PPM  
Other REC Limits:N/K  
OSHA PEL:see 1910.1028  
OSHA STEL:N/K  
ACGIH TLV:32 MG/M3;10 PPM  
ACGIH STEL:N/K  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

Ingred Name:METHYL N-AMYL KETONE; VP: 2.1 MMHG @ 68F; LD50: 12.000  
G/KG; LC50: 4000.000 PPM  
CAS:110-43-0  
RTECS #:MJ5075000  
&lt; Wt:19.5  
Other REC Limits:N/K  
OSHA PEL:465 MG/M3;100 PPM  
OSHA STEL:N/K  
ACGIH TLV:233 MG/M3;50 PPM  
ACGIH STEL:N/K  
CAS  
:100-41-4  
RTECS #:DA0700000  
&lt; Wt:8.3  
Other REC Limits:N/K  
OSHA PEL:435 MG/M3;100 PPM  
OSHA STEL:N/K  
ACGIH TLV:434 MG/M3;100 PPM  
ACGIH STEL:543 MG/M3;125 PPM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:SEE INGREDIENTS.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:MATERIAL AND VAPOR HARMFUL. IRRITATING  
TO EY

ES, SKIN, AND IF INHALED; TO NOSE AND THROAT. EXCESSIVE OR PROLONGED INHALATION CAN CAUSE HEADACHE, NAUSEA OR DIZZINESS. REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS IS ASSOCIATED WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL ABUSE, MISUSE OR OTHER MASSIVE EXPOSURE TO SOLVENTS MAY CAUSE MULTIPLE ORGAN DAMAGE AND/OR DEATH. SKIN: IRRITANT. CAN BE ABSORBED THROUGH SKIN. CAN CAUSE DEFATTING AND DRYING OF SKIN. INHALATION: IRRITANT. LUNG INJURY. CENTRAL NERVOUS SYSTEM DAMAGE.

CHEMICAL PNEUMONIA. (EFFECTS OF OVEREXPOSURE)

Effects of Overexposure: HEALTH HAZARDS: XYLENE MAY CAUSE IRREGULAR HEART BEAT. EYES: IRRITANT. INGESTION: CAN BE FATAL IF SWALLOWED. ASPIRATION INTO LUNGS CAN DAMAGE LUNGS AND CAUSE CHEMICAL PNEUMONIA. TARGET ORGANS: KIDNEYS, LIVER, BLOOD, LUNGS, HEART, SKIN, EYES, STOMACH, CENTRAL NERVOUS SYSTEM, FETAL DEFECTS. NOTE: BENZENE APPEARS ON THE NAVY LIST OF OCCUP CHEM REPRO HAZARDS. SEEK

CONSULTATION FROM APPROPRIATE PROFESSIONALS CONCERNING LATEST HAZARD LIST INFO & SAFE HANDLING & EXPOSURE INFO.

Medical Condition Aggravated by Exposure: KIDNEYS, LIVER, SKIN, EYES, RESPIRATORY, LUNGS.

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

First Aid: INHALATION: REMOVE TO FRESH AIR. RESTORE NORMAL BREATHING. TREAT SYMPTOMATICALLY. SEE PHYSICIAN. SKIN: WASH THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. CONSULT PHYSICIAN IF IRRITATION PERSISTS.

EYES: FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION. INGESTION: DRINK 1 OR 2 GLASSES OF WATER TO DILUTE. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. DO NOT INDUCE VOMITING (UNLESS METHANOL LISTED IN INGREDIENTS SECTION). CONSULT PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. TREAT SYMPTOMATICALLY.

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

Flash Point Method: SCC  
Flash Point: =26.7C, 80.F

Lower Limits: 1.0%  
Upper Limits: 11.2%

Extinguishing Media: FOAM, CO<sub>2</sub>, DRY CHEMICAL.

Fire Fighting Procedures: WEAR NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT.

Unusual Fire/Explosion Hazard: LOWEST FLASHING SOLVENT: 100-41-4. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT AND PRESSURE BUILD-UP. MAY PRODUCE A FLOATING FIRE HAZARD. FLAMMABILITY: OSHA:

FLAMMABLE - CLASS IC; DOT: FLAMMABLE.

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

Spill Release Procedures: REMOVE ALL SOURCES OF IGNITION. AVOID BREATHING VAPORS. VENTILATE AREA. USE ABSORBENT, INERT CLEANUP MATERIALS. (DO NOT USE SAWDUST.) REMOVE ABSORBENT MATERIAL WITH NON-SPARKING TOOLS. PLACE IN SEPARATE CONTAINER. KEEP OUT OF SEWERS AND WATERWAYS. IF ENTRY IS THREATENED OR OCCURS, NOTIFY LOCAL 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 TEMPERATURES ABOVE 100F. USE CAUTION WHEN POURING. AVOID BREATHING SANDING DUST. DO NOT WELD OR FLAME CUT ON EMPTY CONTAINER.

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

Respiratory Protection: WEAR NIOSH CERTIFIED RESP TO REMOVE COMBINATION OF PARTICULATES (DUST/SPRAY MIST) & VAP. WHEN BRUSHING, ROLLING/SPREADING, SELECT APPROP RESP PROT FOR CNDTNS. FOR SPECIFIC CNDTNS, REFER TO CURRENT "NI OSH POCKET GUIDE TO CHEM HAZS". IN CONFINED/RESTRICTED VENT AREAS USE NIOSH APPRVD AIR-LINE RESPS/HOODS. REFER TO 29 CFR, OSHA PARTS 1910.134 & 1915 (SUP DAT)

Ventilation: IMPLEMENT ADMIN & ENGINEERING CTLS TO REDUCE EXPOS. PROVIDE SUFFICIENT VENT IN VOL & PATTERN TO KEEP AIR CONTAM CONC BELOW TLV LIMS. REMOVE WELDING OR (SUP DAT)

Protective Gloves: WEAR IMPERVIOUS GLOVES .

Eye Protection: ANSI APPROVED CHEMICAL WORKERS GOGGLES .

Other Protective Equipment: EYEWASH & DELUGE SHWR MTG ANSI DESIGN CRITERIA . DEPENDENT UPON APPLICATION METH, WEAR RESIST COVERALLS & SHOE COVERINGS TO PVNT SKIN CONT. CONSULT 29 CFR 1910.132, 133, 136, 138; ANSI Z87.1, Z41.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, SMOKING OR USING TOILET. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health RE

SP PROT: FOR COATING OPERATIONS; PART 1910.146 CONFINED SPACES; ANSI Z88.2, PRACTICES FOR RESP PROT; 42 CFR, PART 84 PARTICULATE RESPS. VENT: FLAME CUTTING DECOMP PRODS; FOLLOW CURRENT, ANSI Z49.1, "SFTY IN WELDING & CUTTING". REFER TO 29CFR PARTS 1910 & 1915, FOR COATING OPERATIONS; PART 1910146, CONFINED SPACES.

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

Boiling Pt:>117.8C, 244.F

B.P. Text:244F - 300F

Vapor Pres:SEE INGREDIENTS

Vapor Density:HVR/AIR

Spec Gravity:0.83

Evaporation Rate & Reference:SLOWER THAN BUTYL ACETATE

Solubility in Water:NO

Appearance and Odor:LIQUID WITH SOLVENT ODOR.

Percent Volatiles by Volume:100.00

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS, ACIDS AND ALKALIES.

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

Hazardous Decomposition Products:BY FIRE, BURNING OR WELDING: CO, CO\*2.

===== Toxicological Information =====

Toxicological Information:SEE INGREDIENTS SECTION.

===== Ecological Information =====

Ecological:NO INFORMATION.

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

Waste Disposal Methods:EPA WASTE NUMBER: D001. PLACE IN SEPARATE, APPROPRIATE, CLOSED CONTAINER IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS. THIS MATERIAL HAS NOT BEEN TESTED BY TOXICITY CHARACTERISTIC L

EACHING PROCEDURE (TCLP).

===== MSDS Transport Information =====

Transport Information:DOT PROPER SHIPPING NAME: PAINT RELATED MATERIAL.  
DOT HAZARD CLASS: 3. HAZARD SUBCLASS: N/A. DOT UN/NA NUMBER: 1263.  
IMO: N/A. PACKING GROUP: III.

===== Regulatory Information =====

SARA Title III Information:THE FOLLOWING TOXIC CHEMICALS ARE SUBJECT TO  
THE REPORTING REQUIREMENTS OF SARA (40 CFR 355 AND 372): BUTYL  
ALCOHOL, XYL  
ENE, ETHYL BENZENE.

Federal Regulatory Information:ALL INGREDIENTS ARE ON TSCA INVENTORY OR  
ARE EXEMPT. THE FOLLOWING TOXIC CHEMICALS ARE SUBJECT TO THE  
REPORTING REQUIREMENTS OF CERCLA (40 CFR 302) OR HAPS (40 CFR 63):  
BUTYL ALCOHOL, XYLENE, ETHYL BE NZENE. U.S. FEDERAL REGULATIONS:  
OSHA: HAZARDOUS BY DEFINITION OF HAZARD COMMUNICATION STANDARD (29  
CFR 1910.1200). INTERNATIONAL REGULATIONS: CANADIAN WHMIS: THIS  
MSDS HAS BEEN PREPARED IN COMPLIANCE WITH CONTROLLED PRODUC

T REGULATIONS EXCEPT FOR USE OF THE 16 HEADINGS. CANADIANWHMIS CLASS:  
NO INFO RMATION AVAILABLE.

State Regulatory Information:CALIFORNIA TITLE 26:22-12000 (PROPOSITION  
65): WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE  
OF CALIFORNIA TO CAUSE CANCER: BENZENE (AS TRACE CONTAMINANT). NEW  
JERSEY RIGHT-TO-KNOW: NO NON-HAZARDOUS MATERIALS ARE AMONG THE TOP  
FIVE INGREDIENTS. PENNSYLVANIA RIGHT-TO-KNOW: NO NON-HAZARDOUS  
INGREDIENTS ARE PRESENT IN THE PRODUCT A  
T GREATER THAN 3%.

===== Other Information =====

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This information is formulated for use by elements of the Department  
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