

AMERON INDUSTRIAL COATINGS DIVISION -- ENAMEL ALKYDE GLOSS GRAY 16251 --  
8010-00-584-3077

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

Product ID:ENAMEL ALKYDE GLOSS GRAY 16251  
MSDS Date:03/31/1986  
FSC:8010  
NIIN:00-584-3077  
MSDS Number: BFGKJ  
=== Responsible Party ===  
Company Name:AMERON INDUSTRIAL COATINGS DIVISION  
Address:201 N BERRY ST  
Box:2153  
City:BREA  
State:CA  
ZIP:92621-3904  
Country:US  
Info Phone Num:  
714-529-4597  
Emergency Phone Num:714-529-4597  
CAGE:09869

==== Contractor Identification ====

Company Name:AMERON INDUSTRIAL COATINGS DIVISION  
Address:201 N BERRY ST  
Box:City:BREA  
State:CA  
ZIP:92621-3904  
Country:US  
Phone:714-529-4597  
CAGE:09869

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

Ingred Name:VM&P NAPHTHA (LIGROINE)  
CAS:8032-32-4  
RTECS #:OI6180000  
Other REC Limits:STEL 400 PPM  
OSHA PEL:300 PPM/400 STEL  
ACGIH TLV:300 PPM; 9192

Ingred Name:XYLENES (O-,M-,P- ISOMERS)

(SARA III)  
CAS:1330-20-7  
RTECS #:ZE2100000  
Other REC Limits:100 PPM  
OSHA PEL:100 PPM/150 STEL  
ACGIH TLV:100 PPM/150STEL;9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:TITANIUM DIOXIDE  
CAS:13463-67-7  
RTECS #:XR2275000  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST; 9293

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:

INGESTION: GASTROINTESTINAL

IRRITATION, NAUSEA, VOMITING, DIARRHEA, ASPIRATION INTO LUNGS  
CAUSES CHEMICAL PNEUMONITIS/FATAL. INHALATION: ANESTHETIC,  
IRRITATION OF NOSE/THROAT, NERVOUS SYSTEM DEPRESSION, HEADACHE,  
DIZZINESS, CONFUSION, NAUSEA, UNCONSCIOUSNESS, & ASPHYXIATION. EYE:  
IRRITATION. SKIN: IRRITATION/DEFATTING.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INGESTION: GASTROINTESTINAL IRRITATION, NAUSEA,  
VOMITING, DIARRHEA, & CHEMICAL PNEUMONITIS. IN

HALATION: IRRITATION

OF NOSE/THROAT, HEADACHE, HEADACHE, DIZZINESS, CONFUSION, NAUSEA,  
UNCONSCIOUSNESS, ASPHYXIATION, INJURY TO LIVER, KIDNEYS, & BLOOD,  
PERMANENT BRAIN/NERVOUS SYSTEM DAMAGE. EYES/SKIN:  
IRRITATION/DEFATTING.

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

First Aid:EYES: FLUSH W/WATER FOR 15 MINS. SKIN: WASH W/SOAP & WATER  
FOR 15 MINS. INHALATION: REMOVE TO FRESH AIR. IF BREATHING HAS  
STOPPED, GIVE ARTIFICIAL RESPIRATION. GET MED ATTN.

**INGESTION:**

INDUCE VOMITING . GIVE 2 GLASSES OF WATER. CONSULT PHYSICIAN.

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

Flash Point:80F

Lower Limits:1.1

Extinguishing Media:USE NFPA CLASS B EXTINGUISHERS, CO2, DRY CHEMICAL, ALCOHOL FOAM, POLYMER FOAM

Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS. WATER MAY BE INEFFECTIVE, BUTY MAY BE USED TO COOL EXPOSED CONTAINERS. USE FOG NOZZLES.

Unusual Fire/Explosion Hazard:CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. WHEN EXPOSED TO HEAT PREVENT PRESSURE BUILD-UP, POSSIBLE AUTO-IGNITION, & EXPLOSION.

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

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES. DIKE & CONTAIN W/INERT MATERIAL. TRANSFER LIQUID TO COVERED METAL CONTIANERS FOR RECOVERY/DISPOSAL. REMOVE W/INERT ABSORBENT. USE ONLY NON-SPARKING TOOLS. PLACE DIKING MATERIAL IN COVERED METAL CONTAINER.

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

Handling and Storage Precautions:DO NOT STORE ABOVE 120F. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED FOR STORAGE OF NFPA CLASS ONE FLAMMABLES. DON'T TAKE INTERNALLY.

Other Precautions:CONTAINERS SHOULD BE GROUNDED WHEN POURING. AVOID FREE FALL OF LIQUID IN EXCESS OF A FEW INCHES, CLOSE CONTAINER AFTER EACH USE. DON'T WELD, BRAZE/CUT ON EMPTY CONTAINER. NEVER USE PRESSURE TO EMPTY. DRUM IS NOT A PRESSURE VESSEL.

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

Respiratory Protection:USE NIOSH APPROVED MECHANICAL FILTER RESPIRATOR TO REMOVE OVERSPRAY. IN RESTRICTED AREAS, USE NIOSH APPROVED PAINT SPRAY RESPIRATOR TO REMOVE SPRAY MISTS & ORGANIC VAPORS. IN CONFINED AREAS USE A NIOSH APPROVED AIR-SUPPLIED RESPIRATOR.

Ventilation:PROVIDE MECHANICAL/LOCAL EXHAUST VENTILATION IN VOLUME & PATTERN TO KEEP AIR

Evaporation Rate & Reference:SLOWER THAN ETHER

Percent Volatil

es by Volume:59%

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

Stability Indicator/Materials to Avoid: YES

STRONG ACIDS, ALKALINE MATERIALS

Stability Condition to Avoid: HOT SURFACES, FLAMES, IGNITION SOURCES,  
SPARKS

Hazardous Decomposition Products: SMOKE, CO, CO2

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

Waste Disposal Methods: DISPOSE IN ACCORDANCE WITH LOCAL, STATE AND  
FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS. PREVENT

CONTAMINATION OF SEWERS, STREAMS, & GROUNDWATER W/ SPILLED MATERIAL  
OR USED ABSORBENT.

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