

DAVLIN PAINT CO. -- NAVY FORMULA 84 YELLOW 33481 BTTP645Y -- 8010-00-161-7419

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Product Identification  
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Product ID:NAVY FORMULA 84 YELLOW 33481 BTTP645Y

MSDS Date:06/22/1988

FSC:8010

NIIN:00-161-7419

MSDS Number: BDDNM

=== Responsible Party ===

Company Name:DAVLIN PAINT CO.

Address:700 ALLSTON WAY

Box:2308

City:BERKELEY

State:CA

ZIP:94702

Country:US

Preparer's Name:PATRICIA SHAW

CAGE:DO1

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=== Contractor Identification ===

Company Name:DAVLIN PAINT CO INC

Address:700 ALLSTON WAY

Box:2308

City:BERKELEY

State:CA

ZIP:94702

Country:US

Phone:510-848-2863

CAGE:3Z268

Company Name:DAVLIN PAINT CO.

Address:P.O. BOX 2308

Box:2308

City:BERKELEY

State:CA

ZIP:94702

Phone:415-889-7098

CAGE:DO185

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Composition/Information on Ingredients  
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Ingred Name:VM&P NAPHTHA (LIGROINE)

CAS:8032-32-4

RTECS #:OI6180000

Fraction by Wt: 30%

Other REC Limits:125 PPM

OSHA PEL:300 PP

M/400 STEL  
ACGIH TLV:300 PPM; 9192

Ingred Name:ZINC CHROMATE  
CAS:13530-65-9  
RTECS #:GB3290000  
Fraction by Wt: 22.86%  
OSHA PEL:0.1 MG/M3 (CRO3)  
ACGIH TLV:0.01MG/M3(CR)A1;9192

Ingred Name:ZINC OXIDE  
CAS:1314-13-2  
RTECS #:ZH4810000  
Fraction by Wt: 10%  
Other REC Limits:FUMES  
OSHA PEL:15MG/M3 TDUST/5 FUME  
ACGIH TLV:10MG/M3 TDUST; 9293

Ingred Name:TALC (CONTAINING NO ASBESTOS)  
CAS:14807-96-6  
RTECS #:WW2710000  
Fraction by Wt: 10%  
Other REC Limits:DUST  
OSHA PEL:2 MG/M3 RDUST  
ACGIH TLV:2 MG/M3 RDUST;  
9192

Ingred Name:LEAD COMPOUNDS (56% PB) REPRODUCTIVE TOXIN  
CAS:70084-67-2  
Fraction by Wt: 0.48%  
Other REC Limits:AS LEAD  
OSHA PEL:0.05 MG/M3 (PB)  
ACGIH TLV:0.15 MG/M3 (PB);8990

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:MANY PETROLEUM HYDROCARBONS AND  
SYNTHETIC LUBRICANTS POSE POTENTIAL HUMAN HEALTH RISKS. AS A  
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CAUTION, EXPOSURE TO LIQUIDS, VAPORS, MISTS OR FUMES SHOULD BE MINIMIZED. CHRONIC EXPOSURE MAY CAUSE DAMAGE TO CENTRAL NERVOUS SYSTEM, RESPIRATORY SYSTEM, LUNGS, EYES, SKIN, GASTROINTESTINAL TRACT, LIVER, SPLEEN & KIDNEYS.

Explanation of Carcinogenicity: CHROMIUM COMPOUNDS LISTED AS CARCINOGENS. LEAD COMPOUNDS LISTED AS REPRODUCTIVE TOXINS. TLV'S ASSIGNED TO THESE MATERIAL

Effects of Overexposure: INHAL-VAPORS CAN CAUSE NASAL & RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA & HEADACHE.

SKIN-CAN CAUSE MODERATE IRRITATION, DEFATTING & DERMATITIS.

EYE-SEVERE IRRITATION, TEARING, REDNESS & BLURRED VISION.

INGEST-CHROMATE DUST OR FUMES MAY LEAD TO IRRITATION OF RESPIRATORY SYSTEM, MAY LEAD TO LOSS OF \*

Medical Cond Aggravated by Exposure: CHRONIC LUNG DISEASE, DERMATOLOGIC CONDITIONS. \*APPETITE, HEADACHE, FATIGUE, SLEEP DISTURBANCE. JAUNDICE AND KIDNEY DAMAGE HAS BEEN REPORTED.

===== First Aid Measures =====  
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First Aid: EYES-FLUSH W/WATER FOR 15 MINUTES. SKIN-REMOVE CONTAMINATED CLOTHING, WASH THOROUGHLY W/SOAP AND WATER. INHAL-REMOVE VICTIM TO FRESH AIR. APPLY ARTIFICIAL RESPIRATION OR ADMINISTER OXYGEN IF NEEDED. INGEST-GIVE WATER OR MILK TO DRINK & PHONE FOR MEDICAL ATTENTION. DO NOT INDUCE VOMITING UNLESS DIRECTED BY MEDICAL PERSONNEL. IF MEDICAL ADVICE NOT AVAILABLE TAKE PERSON TO NEAREST EMERGENCY HOSPITAL.

===== Fire Fighting Measure  
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Flash Point Method: SCC

Flash Point: 105F/41C

Lower Limits: 1.0%

Upper Limits: 6.1%

Extinguishing Media: FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG.

Fire Fighting Procedures: USE EXTINGUISHERS DESIGNED TO EXTINGUISH NFPA FLAMMABLE LIQUID FIRE. APPROVED GAS MASK REQUIRED FOR FIRE FIGHTING PERSONNEL. WATER MAY BE INEFFECTIVE.

Unusual Fire/Explosion Hazard: VAPORS FORM AN EXPLOSIVE MIXTURE WITH AIR BETWEEN LOWER AND UPPER EXPLOSIVE LIMITS WHICH CAN BE IGNITED.

CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EX/HEAT.

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

Spill Release Procedures:EVACUATE ALL NON-ESSENTIAL PERSONNEL. REMOVE ALL IGNITION SOURCES. VENTILATE AREA. EQUIP EMPLOYEES WITH APPROPRIATE EQUIPMENT. DIKE AROUND SPILLED AREA. COVER SPILL WITH INERT ABSORBANT AND TRANSFER USING NON-SPARKING TOOLS.

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

Handling and Storage Precautions:STORE BELOW 80 DEG F IN CLOSED

CONTAINER. STORE IN ORIGINAL CONTAINER. AVOID FLAME AND HIGH TEMPERATURE. DO NOT STORE NEAR OXIDIZING AGENTS OR ACIDS.

Other Precautions:DO NOT TAKE INTERNALLY, AVOID INHALATION OF HEATED VAPORS OR SPRAY MIST. KEEP AWAY FROM HEAT. GROUND ALL CONNECTIONS, CONTAINERS, ETC, WHEN POURING OR TRANSFERRING TO MINIMIZE STATIC ELECTRICITY. USE NON-SPARKING TOOLS. WASH THOROUGHLY.

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

Respirator

Protection:WHEN SPRAYING THIS MATERIAL USE A NIOSH APPROVED CARTRIDGE RESPIRATOR OR GAS MASK TO KEEP AIRBORNE MISTS AND VAPOR CONCENTRATIONS BELOW TLV. IN POORLY VENTILATED AND CONFINED SPACES, USE A FRESH-AIR SUPPLY OR SELF CONTAINED BREATH/APPARATUS

Ventilation:GENERAL MECHANICAL VENTILATION OR LOCAL EXHAUST SHOULD BE ADEQUATE TO KEEP VAPOR CONCENTRATIONS BELOW TLV. \*

Protective Gloves:IMPERVIOUS TO PREVENT SKIN CONTACT.

Eye Protection:CHEMICAL SAFETY GLASSES OR GOGGLES

Other

Protective Equipment:USE IMPERMEABLE APRONS AND PROTECTIVE CLOTHING TO PREVENT EXPOSURE TO SKIN. HEADCAPS ARE RECOMMENDED.

Work Hygienic Practices:AFTER USING, WASH BEFORE EATING, TOILETING OR SMOKING.

Supplemental Safety and Health

\* VENTILATION EQUIPMENT MUST BE EXPLOSION PROOF.

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

Boiling Pt:B.P. Text:306F

Vapor Density:>AIR

Spec Gravity:1.4

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:NOT

WATER/SOLUBLE

Appearance and Odor:PIGMENTED LIQUID. MILD SOLVENT ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:DO NOT EXPOSE TO HEAT OR IGNITION SOURCES.

Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY YIELD CARBON DIOXIDE AND/OR MONOXIDE, LOW MOLEULAR WEIGHT HYDROCARBONS AND ORGANIC ACIDS.

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

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Waste Disposal Methods:KEEP OUT OF DRAINS, SEWERS AND WATERWAYS. DISPOSE IN ACCORDANCE WITH LOCAL, COUNTY, STATE AND FEDERAL REGULATIONS.

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