

DAVLIN PAINT CO INC -- MIL-P-14105 OLIVE DRAB 34088 PC B141050D -- 8010-00-616-4009
===== Product Identification =====

Product ID:MIL-P-14105 OLIVE DRAB 34088 PC B141050D

MSDS Date:02/26/1991

FSC:8010

NIIN:00-616-4009

MSDS Number: BNNFK

=== Responsible Party ===

Company Name:DAVLIN PAINT CO INC

Address:700 ALLSTON WAY

Box:2308

City:BERKELEY

State:CA

ZIP:94702

Country:US

Info Phone Num:510-848-286

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Emergency Phone Num:510-848-2863

Preparer's Name:PATRICIA SHAW

CAGE:3Z268

=== 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

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

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 4%

Other REC Limits:NONE SPECIFIED

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1000

LBS
DOT Rpt Qty:1000 LBS

Ingred Name:VM&P NAPHTHA (VAPOR PRESSURE 45.0 MM HG @ 77 F)
CAS:8032-32-4
RTECS #:OI6180000
Fraction by Wt: 10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:500 PPM
ACGIH TLV:300 PPM

Ingred Name:ISOBUTYL ISOBUTYRATE (VAPOR PRESSURE 3.2 MM HG @ 68 F)
CAS:97-85-8
RTECS #:NQ5250000
Fraction by Wt: 5%
Other REC Limits:NONE SPECIFIED

Ingred Name:ALIPHATIC HYDROCARBON (VAPOR PRESSURE 53.0 MM HG @ 77 F)
CAS:8032-32-4
RTECS #:OI6180000
Fraction by Wt: 5%
Other REC Limits:NONE
SPECIFIED
OSHA PEL:500 PPM
ACGIH TLV:375 PPM

Ingred Name:CHROMIUM (III) OXIDE (SARA 313)
CAS:1308-38-9
RTECS #:GB6475000
Fraction by Wt: 3%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1MG/M3
ACGIH TLV:0.5 MG/M3 AS CR

Ingred Name:ZINC CHROMATE (SARA 313)
CAS:13530-65-9
RTECS #:GB3290000
Fraction by Wt: 3.04%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.1 MG/M3 (CRO3)
ACGIH TLV:.012MG/M3 (CR)

Ingred Name:MICA
CAS:12001-26-2
RTECS #:VV8760000
Fraction by Wt: 5.0%
Other REC Limits:NONE SPECIFIED
OSH

A PEL:20 MPPCF
ACGIH TLV:3 MG/M3 RDUST; 9293

Ingred Name:CRYSTALLINE SILICA.
CAS:14808-60-7
RTECS #:VV7330000
Fraction by Wt: 11.21%
Other REC Limits:NONE SPECIFIED
OSHA PEL:SEE TABLE Z3
ACGIH TLV:0.1 MG/M3 RDUST;9293

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO
Health Hazards Acute and Chronic:CHRONIC EXPOSURE MAY CAUSE DAMAGE TO
THE CENTRAL NERVOUS SYST
EM, RESPIRATORY SYSTEM, LUNGS, EYES, SKIN,
GASTROINTESTINAL TRACT, LIVER, SPLEEN AND KIDNEYS. CHRONIC EXPOSURE
TO CHROMATES CAN LEAD TO PEN ETRATING ULCERS.
Explanation of Carcinogenicity:CHROMIUM COMPOUNDS ARE LISTED AS
CARCINOGENS. ACGIH HAS ASSIGNED TLV'S (SEE SECT II) TO THESE
MATERIALS.
Effects of Overexposure:INHALATION OF VAPORS CAN CAUSE NASAL AND
RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA,
HEADACHE AND CHROMATE EXPOSURE. HIGH CONCENTRATIONS MAY
RESULT IN
NARCOSIS (CENTRAL NERVOUS SYSTE M DEPRESSION).
Medical Cond Aggravated by Exposure:CHRONIC LUNG DISEASE, DERMATOLOGIC
CONDITIONS, NAUSEA.

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

First Aid:EYE: FLUSH W/WTR FOR 15 MINS, OCCASS LIFT LIDS. GET MED AID.
SKIN: RMV CONTAMINATED CLOTHING, WASH W/SOAP & WATER. IF IRRIT
PERSISTS, SEE DR. INHAL: REMOVE TO FRESH AIR. APPLY ARTIFICIAL
RESP/ADMIN OX YGEN IF NEEDED. CALL DR. INGEST: GIVE WTR/MILK TO
DRINK & PHONE FOR MED ADVICE. DO NOT MAKE PERSON VOMIT UNLESS
DIRECTED TO DO SO BY MED PERSONNEL. IF MED ADVICE UNAVAILABLE, TAKE
TO NEAREST EMER HOSP

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

Flash Point Method:TOC
Flash Point:29 F
Lower Limits:1.0
Upper Limits:7.6
Extinguishing Media:FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG
Fire Fighting Procedures:USE EXTINGUISHERS FOR NFPA FLAMM LIQ FIRE. WTR
MAY BE USED FOR COOLING. FIRE FIGHTER/OTHERS EX

POSED SHOULD WEAR

FULL PROTECTIVE CLOTHING AND BREATHING APPARATUS

Unusual Fire/Explosion Hazard:VAPORS FORM EXPLO MIX W/AIR BTWN

LOWER/UPPER EXPLO LIMITS WHICH CAN BE IGNITED BY MANY SOURCES. CLSD
CNTNRS MAY EXPLODE W/EXTREME HEAT. ISOLATE FROM HEAT/ELEC**

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

Spill Release Procedures:EVACUATE ALL NON-ESSENTIAL PERSONNEL. REMOVE
ALL IGNITION SOURCES. VENTILATE THE AREA. PROVIDE APPROPRIATE
PROTECTIVE EQUIPMENT

. DIKE AROUND THE SPILL AREA. COVER SPILL WITH
INERT ABSORBANT AND TRANSFER USING NON-SPARKING TOOLS.

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

Handling and Storage Precautions:STORE BELOW 80 F IN A CLOSED
CONTAINER. STORE IN ORIGINAL CONTAINER. AVOID FLAME AND HIGH
TEMPERATURES. DO NOT STORE NEAR OXIDIZING AGENTS OR ACIDS.

Other Precautions:DO NOT INGEST. AVOID PROLONGED INHALATION OF
VAPORS/MIST. KEEP AWAY FROM HEAT/FEED/FOOD PROD/CHILDREN. GROUND

ALL CONNECT/CNTNR/ETC. WHEN TRANSFERING TO MINIMIZE STATIC ELEC.
USE NON-SPARK TOOLS. THIS PROD INTENDED FOR INDUSTRIAL USE ONLY.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED EQUIP WHEN AIRBORN
EXPOSURE LIMITS ARE EXCEEDED. CONSULT RESPIRATOR MANUFACTURER TO
DETERMINE APPROPRIATE EQUIP FOR GIVEN APPLICATION. HIGH AIRBORN
CONC MAY REQUIRE THE USE OF A SUPPLIED-AIR RESP OR A SCBA.

Ventilation:PROVIDE SUFF

VENTILATION TO CONTROL EXPOSURE LEVELS BELOW
AIRBORN EXPOSURE LIMITS. VENT EQUIP MUST BE EXPLOSION PROOF.

Protective Gloves:CONSULT MFR TO DETERMINE APPROP TYPE.

Eye Protection:CHEM SAFETY GLASSES/GOGGLES.

Other Protective Equipment:IMPERMEABLE APRONS AND PROTECTIVE CLOTHING.
USE OF HEAD CAPS WHENEVER POSSIBLE IS STRONGLY RECOMMENDED.

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

Supplemental Safety and Health

===== Physical/Chemical Pr

operties =====

HCC:F2

Boiling Pt:B.P. Text:205 - 291F

Vapor Density:> THAN AIR

Spec Gravity:(H2O=1) 1.4

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:NOT WATER SOLUBLE

Appearance and Odor:PIGMENTED LIQUID. 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 DECOMPOSTION MAY YIELD CARBON

DIOXIDE AND/OR MONOXIDE, LOW MOLEULAR WEIGHT HYDROCARBONS AND ORGANIC ACIDS.

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

Waste Disposal Methods:KEEP OUT OF DRAINS, SEWERS AND WATERWAYS.

DISPOSE OF PRODUCT IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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