

# Safety Data Sheet

## Per GHS Standard Format

### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Product Identifier

Product Name: California Marine Paint & Varnish Duralux® Alkyd Enamel M744 Signal Yellow, M733 International Orange, M728 Signal Red, M725 Tile Red

**Recommended Use of Product:** Exterior Paint for Marine Use

#### Information on the Supplier of the Safety Data Sheet

Manufacturer's Name:  
California Products Corporation  
150 Dascomb Road  
Andover, MA 01810  
P: 978-623-9980 F: 978-623-9960

Emergency Telephone Numbers:  
CHEM TEL: (U.S.): 1-800-255-3924  
(Outside the U.S.): 813-248-0585

### SECTION 2: HAZARDS IDENTIFICATION

Signal Word: **WARNING**



#### Classification

This product is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

#### GHS Label Statements

Hazard Statements:

Flammable liquid and vapor  
May be harmful if swallowed  
Can cause skin irritation  
Can cause serious eye irritation  
May cause respiratory irritation

Flammable liquid, Category  
Acute Toxicity, Dermal, Category 4  
Skin Irritation, Category 2  
Acute Toxicity, Inhalation, Category 4  
Organic Peroxide, Categories C, D  
Aspiration Hazard, Category 2  
Eye Irritation, Category 2B  
Acute Toxicity, Oral, Category 2  
Acute Toxicity, Dermal, Category 1

### PRECAUTIONARY STATEMENTS

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection (eye protection, gloves) during application. When grinding/sanding dry films, wear respiratory protection.

**Response:** If on skin, wash with plenty of soap and water. If in eyes, rinse cautiously for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If inhaled, remove victim to fresh air. If exposed or concerned, get medical advice. Repeated exposures can cause drying & chapping.

**Storage:** Keep closures tight and containers upright to prevent leakage. Product is combustible.

**Disposal:** The coating and any contaminated diking material should be thoroughly air dried and collected into drums. The drums should be sealed and labeled and land-filled or incinerated according to local, regional and national regulations.

**Hazards Not Otherwise Classified (NHOC):** Not applicable

**Unknown Toxicity:** Over 50% of the mixture consists of ingredients of unknown toxicity.

**Other Information:** Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

### SECTION 3: COMPOSITION INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Weight, %**</u>
Magnesium silicate	14567-73-8	
Mineral spirits	64742-47-8	10-30
*Iron oxide	1309-37-1	5-10

\*In some colors

\*\*The exact concentration of composition has been withheld as a trade secret.

### SECTION 4: FIRST AID MEASURES

#### General Advice

Show this safety data sheet to the doctor in attendance. Immediate medical attention is required. Remove and isolate contaminated clothing and shoes at the site and place in metal container filled with water. Fire hazard if allowed to dry.

#### Eye Contact

If symptoms persist, call a physician. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area.

#### Skin Contact

Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician. May cause an allergic skin reaction. Launder exposed clothing before reuse.

#### Inhalation

Remove to fresh air. If symptoms persist, call a physician. If breathing has stopped, give artificial respiration. Get medical attention immediately. If not breathing, give artificial respiration. Do not breathe dust.

#### Ingestion

Do NOT induce vomiting. Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

#### Most important symptoms and effects, both acute and delayed

#### Most Important Symptoms and Effects

Burning sensation. Coughing and/or wheezing. Difficulty in breathing. Itching. Rashes. Hives.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician**

Treat symptomatically. May cause sensitization of susceptible persons.

**SECTION 5: FIRE-FIGHTING MEASURES**

**FLAMMABILITY PROPERTIES**

Flashpoint: >120°F; will not support combustion at ambient temperatures

Flammable Limits: LEL:0.7; UEL: 5.4

Auto ignition temperature: 686°F

**FIREFIGHTING PROCEDURES**

*General Hazard:* During a fire smoke may contain the original material in addition to toxic and or irritating compounds. Avoid heat sparks or open flame. Decomposition releases oxygen, which can intensify the fire. Highly flammable vapors – may cause a floating fire hazard

*Firefighting Instructions:* For small (incipient) fires, use media such as “alcohol” foam, dry chemical, or carbon dioxide. For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water.

*Firefighting Equipment:* Firefighters should wear NIOSH/MSHA approved self-contained, positive pressure breathing apparatus and full protective clothing.

*Hazardous Combustion Products:* During fire, smoke may contain the original material in addition to toxic and/or irritating compounds. Hazardous decomposition products formed under fire conditions. Nature of decomposition products not known.

*Unusual Fire and Explosion Hazards:* Not established

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment and Emergency Procedures**

**Personal Precautions**

Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation. Avoid breathing vapors or mists. Avoid generation of dust.

**Other Information**

Refer to protective measures listed in Sections 7 & 8

**Environmental Precautions**

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Refer to protective measures listed in Sections 7 & 8.

**Methods and Material for Containment and Cleaning Up**

**Methods for Containment**

Prevent further leakage or spillage if safe to do so

**Methods for Cleaning Up**

Immediately place absorbent material in a sealed water-filled metal container to avoid spontaneous combustion of absorbent material contaminated with this product. Pick up and transfer to properly labeled containers.

**SECTION 7: HANDLING AND STORAGE****Precautions for Safe Handling**  
**Handling**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Avoid breathing vapors or mists. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Take off contaminated clothing and wash before reuse. Keep away from contact with clothing and other combustible materials to avoid fire.

**Conditions for Safe Storage, Including any Incompatibilities****Storage**

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

**Incompatible Products**

None known based on information supplied

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines**

<b>Chemical Name</b>	<b>ACGIH TLV</b>	<b>OSHA PEL</b>	<b>NIOSH IDLH</b>
Iron oxide 1309-37-1	TWA: 5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	No data available
Magnesium silicate 14567-73-8	TWA 150 mg/m <sup>3</sup>	No data available	No data available
Mineral spirits	TWA STEL 1100ppm	TWA STEL 100ppm/525 mg/m <sup>3</sup>	TWA STEL 350 mg/m <sup>3</sup>

ACGIH TLV: American Conference of Governmental Industrial Hygienists – Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration – Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

**Other Exposure Guidelines**

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11<sup>th</sup> Cir., 1992). See section 15 for national exposure control parameters

**Appropriate Engineering Controls****Engineering Measures**

Showers / Eyewash Stations / Ventilation Systems

**Individual Protection Measures, such as Personal Protective Equipment****Eye/Face Protection**

If splashes are likely to occur, wear safety glasses with side shields (or goggles). None required for consumer use.

**Skin and body Protection**

Wear protective gloves and protective clothing

**Respiratory Protection**

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice. Take off contaminated clothing and wash before reuse. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:** Viscous liquid

**Odor:** Petroleum

**Appearance:** Black

**Odor Threshold:** No information available

**Color:** No information available

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks/Method</u></b>
pH	N/A	None known
Melting/freezing point	No data available	None known
Boiling point/boiling range	No data available	None known
Flash Point	No data available	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		
Upper flammability limit	No data available	None known
Lower flammability limit	No data available	None known
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific Gravity	No data available	None known
Water Solubility	Miscible in water	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Auto ignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No data available	
Oxidizing properties	No data available	
<b><u>Other Information</u></b>		
Softening Point	No data available	
VOC Content (%)	No data available	
Particle size	No data available	
Particle size distribution	No data available	

**SECTION 10: STABILITY AND REACTIVITY****Reactivity**

No data available

**Conditions to Avoid**

Excessive heat

**Chemical Stability**

Stable under recommended storage conditions

**Incompatible Materials**

None known based on information supplied

**Possibility of Hazardous Reactions**

None under normal processing

**Hazardous Decomposition Products**

Carbon oxides

**Hazardous Polymerization**

Hazardous polymerization does not occur

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Information on Likely Routes of Exposure**

**Product Information**

This presents an acute toxicity hazard based on known or supplied information

**Inhalation**

Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. Harmful by inhalation (based on components).

**Eye Contact**

Specific test data for the substance or mixture is not available. Expected to be an irritant based on components. May cause redness, itching, and pain. May cause eye irritation.

**Skin Contact**

Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation.

**Ingestion**

Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Component Information**

<b>Chemical Name</b>	<b>Oral LD50</b>	<b>Dermal LD50</b>	<b>Inhalation LC50</b>
Iron oxide 1309-37-1	0.03 mg/kg (Rat)	100 mg/kg (Rat)	No data available
Magnesium silicate 14567-73-8	No data available	No data available	No data available
Mineral spirits 64742-47-8	No data available	No data available	Ihl (Rat) LC50 3400 ppm / 4 hr

**Information on Toxicological Effects**

**Symptoms**

May cause redness and tearing of the eyes, coughing and/or wheezing, itching, rashes and hives.

**Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure**

**Sensitization**

May cause sensitization of susceptible persons. May cause sensitization by skin contact.

**Mutagenic Effects**

No information available

**Carcinogenicity**

No data available

**Reproductive Toxicity, STOT Single Exposure, STOT Repeated Exposure:**

No information available

**Chronic Toxicity**

Titanium dioxide has been classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) by inhalation. Contains a known or suspected carcinogen.

**Target Organ Effects**

Eyes, respiratory system, skin, gastrointestinal tract (GI) & lungs.

**Aspiration Hazard**

No information available

**Numerical Measures of Toxicity Product Information**

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral)**

8,711.00 mg/kg

**ATEmix (inhalation-dust/mist)**

2.41 mg/l

**ATEmix (dermal)**

21,608.00 mg/kg (ATE)

**ATEmix (inhalation-vapor)**

16.00 ATEmix

**ATEmix (inhalation-gas)**

3,118.00 ppm (4hr)

**SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity**

No data available

**Persistence and Degradability**

No information available

**Bioaccumulation**

No data available

**Other Adverse Effects**

No information available

## **Waste Treatment Methods**

### **Disposal Methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

### **Contaminated Packaging**

Dispose of contents/containers in accordance with local regulations

### **California Hazardous Waste Codes**

331

## **SECTION 14: TRANSPORT INFORMATION**

### **DOT**

UN number: 1268 Class: 3 Packing Group: III  
Proper shipping name: Petroleum Distillates, n.o.s.  
Marine Pollutant: No  
Poison Inhalation Hazard: No

### **IMDG/IMO**

UN number: 1268 Class: 3 Packing group: III EMS-No: F-E, S-E  
Proper shipping name: Petroleum Distillates, n.o.s.  
Marine Pollutant: No

### **IATA**

UN number: 1268 Class: 3 Packing Group: III  
Proper shipping name: Petroleum distillates, n.o.s.

## **SECTION 15: REGULATORY INFORMATION**

### **International Inventories**

TSCA	Complies
DSL	All components are listed either on the DSL or NDSL

**TSCA** – United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** – Canadian Domestic Substances List/Non-Domestic Substances List



**US Federal Regulations****US Federal Regulations:**

OSHA standards require that information be provided to employees regarding the hazards of chemicals by means of a hazard communication program including labeling, safety data sheet (SDS) sheets, training and access to written records. We request that you, as per your legal duty to, make all information in this SDS available to your employees and those who handle or consume the products. To aid our customers in complying with regulatory requirements regulatory information for components of this product are indicated below:

**OSHA Hazards**

Combustible Liquid

**SARA 311/312 Hazards**

Fire Hazard

**Pennsylvania Right To Know Components**

Alkanes, C10-13-iso-CAS No. 68551-17-7

**New Jersey Right To Know Components**

Alkanes, C10-13-iso-CAS No. 68551-17-7

**California Prop. 65 Components**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**US State Regulations****California Proposition 65**

This product contains no STET 65 chemicals.

**U.S. State Right-to-Know Regulations**

<i>Chemical Name</i>	<i>New Jersey</i>	<i>Massachusetts</i>	<i>Pennsylvania</i>	<i>Rhode Island</i>	<i>Illinois</i>
Iron oxide – 1309-37-1	X	X	X	X	
Magnesium silicate – 14567-73-8	X	X	X		
Mineral spirits – 64742-47-8	X	X	X	X	

**SECTION 16: OTHER INFORMATION**

NFPA	Health Hazards 2	Flammability 2	Instability 0	Physical and Chemical Hazards Personal Protection
HMIS	Health Hazards 2	Flammability 2	Physical Hazard 0	H

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD (5323) or log on to: [www.epa.gov/lead](http://www.epa.gov/lead)