SDS Date: April, 2015

Safety Data Sheet

Per GHS Standard Format

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: California Marine Paint & Varnish Duralux® Marine Alkyd 691 Duckboat Drab, M745 Dead Grass Green M746 Pirogue Green

Recommended Use of Product: Varnish 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

Chemical Name	CAS No.	Weight, %**
*Titanium dioxide	13463-67-7	10-30
Barium metaborate	13701-59-2	10-30
Magnesium silicate	14567-73-8	
Mineral spirits	64742-47-8	10-30

*** Only used 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 NICSH/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

Environmental Precautions
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

Chemical Name	*ACGIH TLV*	*OSHA PEL*	*NIOSH IDLH*
Titanium dioxide 13463-67-7	TWA: 10 mg/m^3	TWA: 15 mg/m^3 total dust (vacated) TWA: 10 mg/m3 total dust	IDLH: 5000 mg/m3
Barium metaborate 13701-59-2	None established	No data available	No data available
Magnesium silicate 14567-73-8	TWA 150 mg/m^3	No data available	No data available
Mineral spirits	TWA STEL 1100ppm	TWA STEL 100ppm/525 mg/m^3	TWA STEL 350 mg/m^3

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^{th} 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
Appearance: Various colors
Color: No information available
Odor: Petroleum
Odor Threshold: No information available

Property	Values	Remarks/Method
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	

Other Information

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

Chemical Name	*Oral LD50*	*Dermal LD50*	*Inhalation LC50*
Titanium dioxide 13463-67-7	> 10000 mg/kg (Rat)		
Barium metaborate 13701-59-2	No data available	No data available	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
The table below indicates whether each agency has listed any ingredient as a carcinogen

Chemical Name	*ACGIH*	*IARC*	*NTP*	*OSHA*
Titanium dioxide 13463-67-7		Group 2B		X
Crystalline silica 14808-60-7	X			X

ACGIH (American Conference of Governmental Industrial Hygienists)
A2 – Suspected Human Carcinogen
IARC (International Agency for Research on Cancer)
Group 2B – Possibly Carcinogenic to Humans
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
X-Present

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 (dermal)
21,608.00 mg/kg (ATE)
ATEmix (inhalation-gas)
3,118.00 ppm (4hr)
ATEmix (inhalation-dust/mist)
2.41 mg/l
ATEmix (inhalation-vapor)
16.00 ATEmix

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 the following Proposition 65 chemicals:

Chemical Name	*California Proposition 65*
Titanium dioxide – 13463-67-7	Carcinogen
Crystalline silica – 14808-60-7	Carcinogen

U.S. State Right-to-Know Regulations

Chemical Name	*New Jersey*	*Massachusetts*	*Pennsylvania*	*Rhode Island*	*Illinois*
Titanium dioxide – 13463-67-4	X	X	X		
Barium metaborate – 13701-59-2	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