

# MATERIAL SAFETY DATA SHEET

(Essentially similar to OSHA form 174, Sept. 1985 - (For compliance with OSHA's Hazard Communication Standard, 29CFR 1910.1200)

## Troubleshooter Primer for Storm Stain Linseed Alkyd Oil No. 23400

### SECTION I PRODUCT:

**MANUFACTURER'S NAME:**  
California Products Corporation  
**STREET ADDRESS:** 150 Dascomb Road  
**CITY/STATE:** Andover, MA  
**ZIP CODE:** 01810  
**MAIL ADDRESS:**  
150 Dascomb Road  
Andover, MA 01810

**DATE OF PREPARATION:** January, 2007  
**INFORMATION TELEPHONE NO.:**  
(978) 623-9980 Ext. 223  
**EMERGENCY TELEPHONE NO.'s.:**  
Weekdays: (978) 623-9980 Ext. 223  
(After hours, weekends & holidays)  
"CHEM-TEL"  
**Emergency Contact Number:** (800) 255-3924

### SECTION II - Hazardous Ingredients/Identity Information

HAZARDOUS COMPONENT (S)	COMMON NAME (S)	%	CAS. NO.	OSHA PEL	OR ACGIH TLV
Mineral Spirits	Stoddard Solvent	<20	64742-47-8	100 ppm	
Titanium dioxide	Same	<20.0	13463-67-7	ACGIH TWA 10 mg/m <sup>3</sup>	
Barium metaborate	Same	<8.0	13701-59-2	10mg/m <sup>3</sup>	

**NOTE:** This product contains bentonite clays or other pigments classified as "nuisance dusts". These products may also contain more than 0.1% crystalline silica (CAS No. 14808-60-7) which has been classified by IARC as a Class I carcinogen. Normal application procedures pose no hazard since the silica is wet and encapsulated, but grinding or sanding dried films of this product may yield respirable silica dusts. Control exposures to less than 0.1 mg/m<sup>3</sup> using NIOSH-approved dust filter respirators.

### SECTION III - Physical/Chemical Characteristics (See reference Note (s) No. 1, 2 on Reverse)

Boiling Points of Major constituent(s): Min. Spirits	150-190°C	Specific Gravity (H <sub>2</sub> O=1) WGT/GAL, Lbs.	11.9
Vapor Pressure (mm Hg) Mineral Spirits	2 mm @ 68°F	Melting Point	N/A
Vapor Density (AIR=1) Heavier Lighter	X	Evaporation Rate (Butyl Acetate=1) Mineral spirits	Maximum VOC's: 350 g/l
Solubility in Water	NIL	Appearance and Odor	Viscous liquid; slight petroleum odor

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: 103°F (Seta Flash)	Flammable Limits: LEL: 1.1% UEL: 5.9%	DOT Hazard Class: Combustible Liquid	D.O.T. ID# UN-1263
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### SECTION V - REACTIVITY DATA (See reverse side for this section)

### SECTION VI - HEALTH HAZARD DATA, TOXICITY DATA; Mineral Spirits, lhl - rat LC<sub>50</sub>: 3400 ppm/4H

Route (s) of Entry: Inhalation? X Skin? X Ingestion? X  
Carcinogenicity? Titanium dioxide. Suspected or confirmed human carcinogen by ACGIH.

Health Hazards (Acute and Chronic) NOTE: Intentional misuse by deliberately concentrating and inhaling fumes may be harmful or fatal.

#### EFFECTS OF OVEREXPOSURE:

**ACUTE (Short Term):** Anesthetic. Irritant. May cause headache and nausea. Irritation of the respiratory tract or central nervous system depression characterized by the following progressive steps: headache, dizziness, staggering gait, confusion, unconsciousness or coma.

**CHRONIC (Long Term):** May cause respiratory sensitization, liver or kidney damage. May cause skin sensitization. Permanent central nervous system changes can occur because of solvent exposure.

**MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:** Respiratory allergies. Chronic diseases of the skin, nose, throat and lungs, central nervous system, liver, kidney, blood, eyes.

#### EMERGENCY AND FIRST AID PROCEDURES:

**Inhalation:** Move person to fresh air. Restore breathing. Treat symptomatically. Consult a physician. **SPLASH (EYES):** Flush eyes immediately with large amounts of water for at least 15 minutes. Take to a physician for medical treatment. **SPLASH (SKIN):** Wash affected skin areas with soap and water. Remove contaminated clothing. Consult a physician if irritation persists. **INGESTION:** If swallowed, call a physician immediately. Never give anything by mouth to an unconscious person. Treat symptomatically.

### SUPPLEMENTAL INFORMATION

To comply with New Jersey DOH Right-To-Know labeling law (NJAC 8:59 - 5.1 & 5.2)

CAS NO.	CHEMICAL INGREDIENTS
13463-67-7	Titanium Dioxide
64741-47-8	Mineral Spirits
13701-59-2	Barium metaborate
14567-73-8	Magnesium silicate
67746-08-1	Linseed oil
Not Available +	Alkyd Resin Solids
(+ ) Contents partially unknown	

HMIS HAZARD RATING			
Health 1	Flammability 2	Physical Hazard 0	Personal Protection H
HAZARD INDEX			
0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe			
PERSONAL PROTECTION CODE			
H=Rubber gloves, splash goggles, rubber apron, organic vapor respirator			

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 a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a 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).

**FIRE AND EXPLOSION HAZARD DATA (Continued from Section IV on Page 1)**

**Extinguishing Media:** Foam, Dry Chemical or Carbon dioxide

**Special Fire Fighting Procedures:** Use supplied-air breathing equipment for enclosed areas. Cool exposed containers with water spray. Minimize breathing vapor or fumes.

**Unusual Fire and Explosion Hazards:** Do not mix or store with strong oxidants such as liquid chlorine or concentrated oxygen. "Empty" product containers retain product residue. Do not pressurize, cut, heat, weld, or expose such containers to flame; they may explode and cause injury or death.

**REACTIVITY DATA (Continued from Section V (on front))**

**Stability:** ☒ Stable  
☐ Unstable

**Hazardous Polymerization:** ☐ May Occur  
☒ Will Not Occur

**Conditions to Avoid:** High Temperatures

**Incompatibility (Materials to Avoid):** Amines, acids, hydroxyl or other active hydrogen compounds.

**SECTION VII - Precautions for Safe Handling and Use**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Remove all sources of ignition (flame, hot surfaces, and electrical, static or frictional sparks). Avoid breathing vapors. Use self-contained breathing equipment. Ventilate area. Contain and remove with inert absorbent material and non-sparking tools. Avoid contact.

**WASTE DISPOSAL METHOD:** Disposal should be done in accordance with Federal (40CFR Part 261), State and Local regulations. Before attempting clean-up, refer to hazard caution information in other sections of the MSDS. Use licensed hazardous waste disposal concern.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Do not store or use near heat or open flame. Refer to OSHA 79CFR PART 1910.106 for specific storage requirements. Keep closure tight and container upright to prevent leakage. Drums of this material should be grounded and bonded when pouring. Do not weld or flame-cut an empty drum.

**OTHER PRECAUTIONS:** Do not get in eyes. Avoid skin contact. Can cause allergic respiratory reaction. Can cause allergic skin reaction. Prevent prolonged or repeated breathing of vapor or spray mists. Do not handle until the manufacturer's safety precautions have been read and understood. Do not weld or flame-cut an empty drum. Avoid breathing sanding dusts.

**SECTION VIII - Control Measures**

**RESPIRATORY PROTECTION:** Use (MSHA/NIOSH - approved or equivalent) chemical/mechanical filters designed to remove a combination of particulates and organic vapor in open and restricted ventilation areas. Use approved airline type respirators or hoods in confined areas.

**VENTILATION:** Sufficient ventilation, in pattern and volume, should be provided to keep the air contaminant concentration below applicable exposure limits. Heavy solvent vapors should be removed from the lower levels of work area, and all ignition sources (non-explosion proof equipment) should be eliminated if flammable/air mixtures will be encountered. All application areas should be ventilated in accordance with OSHA regulation 29CFR Part 1910.94.

**PROTECTIVE GLOVES:** Gloves should be worn if skin contact is likely. Use neoprene or rubber gloves to prevent skin contact.

**EYE PROTECTION:** Use safety eyewear including side shields, face shields, or chemical splash goggles (ANSI Z87.1, or approved equivalent).

**OTHER PROTECTIVE EQUIPMENT:** Use disposable or impervious clothing if work clothing contamination is likely. Use protective cream if skin contact is likely. Use full face shield, apron, or other appropriate equipment.

**HYGIENIC PRACTICES:** Wash hands before eating, smoking, or using the wash room. Do not smoke in any chemical handling or storage area. Food or beverages should not be consumed anywhere this product is handled or stored.

**REFERENCES:**

1. Sax, N.I., "Dangerous Properties of Industrial Materials", 8th ed., Van Nostrand Reinhold Company, Inc., 1992.
2. American Conference of Governmental Industrial Hygienists, "TLV's and Biological Exposure indices for the current year," (published annually).
3. U.S. Code of Federal Regulations (CFR) U.S. Department of Labor, No. 29, Parts 1900 to 1910. OSHA Hazard Communication Standard, 29 CFR 1910.1200.
4. Sax, N.I., Lewis, R.J. "Hazard Chemicals Desk Reference", Van Nostrand Reinhold Co., NY, 1987.
5. Fire Protection Guide to Hazardous Materials, 10th ed., National Fire Protection Association, Quincy, MA, 1991.
6. Title III List of Lists, U.S. Environmental Protection Agency publication EPA 560/4-90-011, January, 1990.

# MATERIAL SAFETY DATA SHEET

THIS COMMON MATERIAL SAFETY DATA SHEET (MSDS) MAY BE USED FOR ANY ONE OR ALL OF THE PRODUCTS FOUND ON THE FOLLOWING LIST:

## CALIFORNIA (BRAND) INTERIOR AND EXTERIOR

### ORGANIC SOLVENT-THINNED PAINTS

<u>PRODUCT NUMBER</u>	<u>DESCRIPTION</u>
8300	Sahara Masonry Waterproofers
20024*	Storm Stain Wood Preservative Formula II - Clear
20030*	Storm Stain Clear Wood Finish
20040*	Storm Stain Clear Decking Finish and Waterproofing Sealer
20050*	Storm Stain Lumbercare Clear Wood Preservative
20100	Wipe-Out II Quick-Dry Stain Killer (VOC Compliant)
20200	Premium Alkyd Primer Sealer
20307*	Clear Cote Wood Finish-Oil Modified Urethane-Clear, Gloss
20307V*	Clear Cote Wood Finish-Oil Modified Urethane-Gloss (VOC Compliant)
20308*	Clear Cote Wood Finish-Oil Modified Urethane-Clear, Semi-Gloss
20309*	Clear Cote Wood Finish-Oil Modified Urethane-Satin
20309V*	Clear Cote Wood Finish-Oil Modified Urethane-Satin (VOC Compliant)
20407*	Clear Cote Wood Finish-Alkyd Varnish-Spar Gloss
20408*	Clear Cote Wood Finish-Alkyd Varnish-Semi-Gloss
20409*	Clear Cote Wood Finish-Alkyd Varnish-Satin
205XX	Tuf Quik Urethane Floor & Trim Enamel
208XX	Premium Alkyd Eggshell Interior
209XXV	Premium Alkyd Flat Enamel-Interior (VOC Compliant)
210XX	Premium Alkyd Semi-Gloss Int/Exterior
211XX	Larcoloid Alkyd Urethane Gloss Enamel (Except 21150 Primer)
212XX	Gloss Oil Base Trim Exterior
21309*	Clear Cote Wood Finish-Sanding Sealer-Clear
21309V	Clear Cote Wood Finish-Sanding Sealer-Clear (VOC Compliant)
214XX	Storm Stain Linseed Oil Stain - Solid Colors
21444	Storm Stain Primer Linseed Oil, White
215XX	Storm Stain Linseed Oil Semi-Transparent Stain
218XX	Gloss Oil House & Trim Exterior
22206	Premium Alkyd Enamel Undercoat
22401	Prep n' Size Oil Base Wallcovering Preparer
23100	House & Trim Alkyd Primer - White
23500	ProPaint Alkyd Semi-Gloss Enamel
23895*	Clear Cote Wood Finish-Woodtone, Clear Base
240XX	Storm Stain Linseed Oil Decking Stain
242XX	Preference Multi-Purpose Gloss Enamel
242XXV	Preference Multi-Purpose Gloss Enamel (VOC Compliant)
288XX	Satin Oil House & Trim Exterior
23500	Preference Excell Alkyd Semi-Gloss Enamel
21700	Troubleshooter Exterior Linseed Oil Primer-White
21701	Troubleshooter Exterior Linseed Oil Primer-Gray
276XX*	Clear Cote Wood Finish-Varnish Stain
27900	Wipe Out Quick Dry Stain Sealer
25300	Floor A Thane Polyurethane-Gloss (Formerly Preference Excell)
25301	Floor A Thane Polyurethane-Satin (Formerly Preference Excell)
70065	Ox-Line Professional Primer Undercoat Interior
70069	Oxline Pigmented Primer Sealer
70401	Ox-O-Flow Cal-Coater Flat White
708XX	Ox-O-Deck Urethane Modified Floor and Trim Enamel
70951	Seaside Oil House & Trim Paint

\*These are clear coatings and the N.J.A.C. DOH RTK Statement of 5 most prevalent ingredients would not show titanium dioxide or calcium carbonate. Some silica may be present. Additional ingredients in these coatings are CAS # 68478-57-8 cobalt naphthenate and CAS # 136-51-6 calcium naphthenate.

List Revised May, 1996  
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