

MATERIAL SAFETY DATA SHEET

Per OSHA-recommended ANSI Z400.1-2004 standard format &
in accordance with European standard format

1. Product and Company Identification:

Date of preparation: April, 2009

Product Name: California (Brand) Tuf-On Waterborne Epoxy Enamel (15XX Series Bases, 1516 New Battleship Gray & 1539 Seacoast Gray) For Mixed Components A & B

Producer: California Products Corporation

150 Dascomb Rd., Andover, MA 01810 (U.S.A.)

All Inquiries to: Tel: (978) 623-9980 Fax: (978) 623-9960

Emergency Information: 24 Hour Contact: CHEM-TEL: (800) 255-3924

2. Hazards Identification:

EMERGENCY OVERVIEW: Product Description: This product is a liquid. **Health Hazards:**

The primary hazards presented by this product are the potential for mild irritation of contaminated tissue

and the potential for accidental ingestion. **Flammability Hazards:** This product is not flammable. If this product is involved in a fire, the decomposition products generated will include irritating vapors and gases and some carbon monoxide. **Reactivity Hazards:**

This product is not reactive. **Environmental Hazards:** Although release of this product to the environment is not expected to cause significant adverse effect, all releases should be avoided. **Emergency Considerations:** Emergency responders should wear appropriate protection for situation to which they respond.

3. Composition/Information on Ingredients:

Non-hazardous:

Pigmented 2 part waterborne epoxy coating comprised of water, pigments, fillers, additives, epoxy emulsion resin (and activator Component B)

Hazardous:

Titanium dioxide (CAS #13463-67-7) < 23.0% ACGIH TWA 10 mg./m³

2-Propoxyethanol (CAS #2807-30-9) < 5.0% OSHA PEL Not Established

Butyl carbitol acetate (CAS #124-17-4) < 4.0% OSHA PEL Not Established

4. First Aid Measures:

Eye & Skin contact: Immediately flush eyes with plenty of water for at least 15 minutes and consult physician. May cause severe eye irritation. Wash skin thoroughly with soap and water. If drenched, remove and wash clothing before reuse. Ingestion: If victim is conscious give 2 glasses of water. Call a physician.

5. Fire-fighting methods: Product is non-combustible

FLASH POINT: Not flammable

AUTOIGNITION TEMPERATURE: Not established

FLAMMABLE LIMITS (in air by volume, %):

Lower (LEL): Not applicable

Upper (UEL): Not applicable

FIRE EXTINGUISHING MATERIALS: Use extinguishing media appropriate for surrounding fire

Water Spray: OK Carbon Dioxide: OK

Foam: OK Dry Chemical: OK

Halon: OK Other: Any "ABC" Class

6. Accidental release measures:

Personal precautions: Do not get in eyes. Do not take internally. Avoid skin contact. Prevent prolonged or repeated breathing of vapor or spray mists. Keep unnecessary people away. Floor may be slippery, use care to avoid falling. Dike and contain material with inert material (e.g. earth, sand). Transfer liquid and contaminated diking material to separate containers for disposal. Environmental precautions: Keep spills and cleaning run-offs out of municipal sewers and open bodies of water. Comply with local, national and state regulations.

7. Handling and Storage:

Keep closure tight and containers upright to prevent leakage. Precautionary labeling: KEEP FROM FREEZING". Product is non-combustible.

8. Exposure Controls and Personal Protection:

General protection and hygienic measures: Avoid contact with skin. Do not get in eyes. Do not take internally. Avoid breathing vapors or spray mists. Use in well-ventilated areas. Hand/skin protection: Wear neoprene or rubber gloves to prevent skin contact. Wash hands before eating, smoking or using the wash room. Food or beverages should not be consumed anywhere this product is handled or stored. Respiratory protection: None required if good ventilation is maintained. Wear respirator suitable for concentrations and of contaminants encountered. Use approved chemical/mechanical filters designed to remove particulates in open and restricted ventilation areas. Use approved airline type respirators or hoods in confined areas. Eye/face protection: Use approved safety eyewear including side shields, chemical goggles and face shields.

9. Physical and Chemical Properties:

Forms: Viscous liquid, slight ammoniacal odor
Density: 10.5 lbs./gal.
Solubility in water: Complete colloidal dispersion

10. Stability and Reactivity:

Stability: Hazardous polymerization will not occur. Stable. Hazardous reactions: Avoid contact with strong oxidizing agents (e.g. nitric acid, permanganates), etc.

11. Toxicological Information:

LD50/LC50:

CAS #2807-30-9: 2-Propoxyethanol

- Dermal, guinea pig: LD50 = 1 gm/kg
- Draize test, rabbit, eye: 100 mg Severe
- Draize test, rabbit, eye: 750 ug/24H Severe
- Draize test, rabbit, skin: 500 mg/24H Mild
- Inhalation, mouse: LC50 = 1530 ppm/7H
- Inhalation, rat: LC50 = 9060 mg/m³
- Oral, mouse: LD50 = 1774 mg/kg
- Oral, rat: LD50 = 3089 mg/kg
- Oral, rat: LD50 = 3090 mg/kg
- Skin, rabbit: LD50 = 960 uL/kg

Oral, rat: LD50 = 1746-10502 mg/kg, Oral, rat: LD50 = 1746-15918 mg/kg

Carcinogenicity:

CAS #2807-30-9: Not listed by ACGIH, IARC, NTP, or CA Prop. 65.

Epidemiology: Not data available

Teratogenicity: Experimental teratogen

Reproductive Effects: Experimental reproductive effects have been observed

Mutagenicity: No data available

Neurotoxicity: No data available

Ethanol, 2-(2-butoxyethoxy)-acetate: 6500 mg/kg oral rat LD50; 14500 mg/kg skin rabbit LD50; irritation data (std Draize, rabbit, 500 mg) skin = mild, eye = moderate.

12. Ecological Information:

Ecotoxicity: Fish: Fathead Minnow: > 100 ul/l; 96 hr.; LC50

Daphnia: Water Flea: > 100 ul/l; 96 hr.; LC50

13. Disposal considerations:

The coating and any contaminated diking material should be thoroughly air dried and collected into drums. The drums should then be sealed and properly labeled with waste designation and land filled or incinerated according to local and national regulations.

14. Transportation Information:

U.S. Department of Transportation Hazard Class: "Not Regulated"

15. Regulatory Information:

US Federal

TSCA: CAS #2807-30-9 is listed on the TSCA inventory

Health & Safety Reporting List: Non of the chemicals are on the Health & Safety Reporting List

Chemical Test Rules: Non of the chemicals in this product are under a chemical test rule

Section 12b: None of the chemicals are listed under TSCA Section 12b

TSCA Significant New Use Rule: None of the chemicals in this material have an RQ

SARA Section 302 Extremely Hazardous Substances: None of the chemicals in this product have a TPO

Section 313: This material contains 2-Propoxyethanol (listed as Glycol ethers), 98%, (CAS #2807-30-9) which is subject to the reporting requirements of Section 313 of SARA Title III and 40 CRF Part 373.

Clean Air Act: CAS #2807-30-9 (listed as Glycol ethers (except for EGBE)) is listed as a hazardous air pollutant (HAP). This material does not contain any Class 1 Ozone depleters.

This material does not contain any Class 2 Ozone depleters.

Clean Water Act: None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA: None of the chemicals in this product are considered highly hazardous by OSHA.

STATE: CAS #2807-30-9 can be found on the following state right to know lists: New Jersey, (listed as Glycol ethers), Pennsylvania, (listed as Glycol ethers).

California Prop 65: California No Significant Risk Level: None of the chemicals in this product are listed.

Information on the maximum volatile organic compound (VOC) content of individual products appears on product label.

16. Other Information:

Note: Per 29CFR 1910.1200 (g) (2) (1) (C) (2), only hazardous substances present in excess of 1.0% by weight (or 0.1% for carcinogens) must be listed on an MSDS.

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

CAS. No.: 7732-18-5 13463-67-7 2807-30-9 124-17-4 Not Available + (+) Contents Partially Unknown	CHEMICAL INGREDIENTS Water Titanium dioxide 2-Propoxyethanol Butyl carbitol acetate Epoxy and amine resin solids
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HMIS HAZARD RATING			
Health 1	Flammability 0	Physical Hazard 0	Personal Protection A
HAZARD INDEX			
0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe			
PERSONAL PROTECTION CODE:			
A=Safety glasses			

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 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