

# MATERIAL SAFETY DATA SHEET

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

## 1. Product and Company Identification:

Product Name: CPC (SBR Emulsion Resin) Binders  
CP4170 and CP4125

Date of preparation: September, 2010

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 (Contract Number: MIS0001450)

International 24 Hr. Emergency Phone: (813) 248-0585

## 2. Hazards Identification:

**EMERGENCY OVERVIEW: Product Description:** These products are pigmented liquids. **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:

Emulsion coatings comprised of water, additives, SBR emulsion resin

Non-hazardous:

Styrene, 1,3-Butadiene polymer (SBR resin) (CAS #9003-55-8)

## 4. First Aid Measures:

Eye & Skin contact: Immediately flush eyes with plenty of water for at least 15 minutes and consult physician. 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: 1.0-1.2 (water=1)  
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:**

No toxic ingredients present.

**12. Ecological Information:**

No ecotoxicity information available.

**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:**

U.S. TOXIC SUBSTANCES CONTROL ACT (TSCA): All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

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

**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

Not Available +

Not Available +

(+) Contents Partially Unknown

**CHEMICAL INGREDIENTS**

Water

Emulsifiers

Styrene-Butadiene Polymer

| 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                                     |                |                   |                       |