



## Material Safety Data Sheet

### 1. Product and Company Identification

**Product Code** LCC4  
**Product Name** COLOUR COAT™

**Manufacturer**..... LEGACY® Decorative Concrete Systems, A Division of Solomon Colors, Inc.

..... **Emergency Phone** 800-373-7542

**Address**..... 4050 Color Plant Road **Business Phone** 217-522-3112

**City, State, Zip**..... Springfield Il 62702 **Business Fax** 800-624-3147

**Last Updated** 1/7/2010

### 2. Composition / Information on Ingredients

Chemical Name	CAS No.	ACGIH TLV	OSHA PEL	STEL
Titanium Dioxide	13463-67-7	10 mg/m3	10 mg/m3	N/A
Propylene Glycol	57-55-6	N/A	N/A	N/A
Silica Crystalline Quartz	14808-60-7	0.1 mg/m3	0.1 mg/m3	N/A
Portland Cement	65997-15-1	5 mg/m3	10 mg/m3	N/A

### 3. Hazards Identification

#### Emergency Overview

Colored liquid and dry powder. Prolonged exposure to silica powders may result in chronic respiratory injury, including shortness of breath and silicosis. Silicosis can develop into serious respiratory ailments and may cause death.

#### Signs and Symptoms of Exposure

##### Ingestion

Can cause gastrointestinal irritation, vomiting, nausea and diarrhea.

##### Inhalation

Can cause dizziness, breathing difficulty, headaches and loss of coordination.

##### Eyes

May cause irritation, tearing, redness, and blurred vision.

##### Skin

Prolonged and repeated liquid contact can cause defatting drying of the skin which may result in skin irritation, cracking, and dermatitis. Can cause cement burns on skin.

**Potential Environmental Hazards** N/A

## 4. First Aid Measures

### **Ingestion**

DO NOT INDUCE VOMITING. Vomiting may cause chemical pneumonitis and pulmonary edema. GET MEDICAL ATTENTION IMMEDIATELY.

### **Inhalation**

Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. GET MEDICAL ATTENTION IMMEDIATELY.

### **Eyes**

DO NOT RUB. Flush eyes with plenty of water for 15 minutes while holding eyelids open. If irritation persists, GET MEDICAL ATTENTION IMMEDIATELY.

### **Skin**

Wash off soap and water. Remove contaminated clothing and shoes. Do not reuse until cleaned. If persistent irritation occurs, GET MEDICAL ATTENTION IMMEDIATELY.

## 5. Fire Fighting Measures

**Flash Point** N/A

**Autoignition Temperature** N/A

**Lower Explosive Limit** 0.9% volume in air

**Upper Explosive Limit** 6.0% by volume in air

### **Unusual Fire Explosion Hazards**

Heated cans can build up pressure and explode. Dried coating will burn like plastic.

### **Extinguishing Media**

Use water fog, foam, dry chemical, or CO<sub>2</sub>.

### **Special Fire Fighting Procedures**

Evacuate hazard area of unprotected personnel. Wear proper protective clothing, including a NIOSH-approved, positive pressure, self-contained, breathing apparatus. Cool fire-exposed containers with water. In case of large fires, also cool surrounding equipment and structures with water.

## 6. Accidental Release Measures

Keep people away. Ventilate confined spaces. Open all windows and doors. Flush with water to a tank or an open well-ventilated area. Recover by pumping. Keep product out of sewers, watercourses, and soil by dyking or impounding. Absorb with sand, earth, or other suitable absorbent. Control runoff and isolate discharge material for proper waste-disposal method. Use non-leaking containers, seal tightly, and label properly. Dispose of in accordance with applicable local, county, state, and federal regulations.

## 7. Handling and Storage

### **Safe Handling and Storage**

Store in a cool, dry place with adequate ventilation. Keep containers closed.

## 8. Exposure Controls and Personal Protection

### Engineering controls

Use only with ventilation sufficient to prevent exceeding recommended exposure limit.

### Personal Protective Equipment

Use splash goggles or face shield to protect face and eyes. Avoid inhalation and use only MSHA or NIOSH approved atmosphere supplying or air purifying respirators in confined or enclosed spaces for organic vapors, if needed. Use chemical-resistant gloves and avoid prolonged or repeated skin contact.

### Other Protective Clothing Equipment

An eyewash station and a safety shower should be available.

### General Work Practices Hygiene Considerations

Minimize breathing vapor or mist. Avoid prolonged or repeated contact with skin. Use good hygiene when handling this product. Cleanse skin thoroughly after handling and before eating or drinking. Product is easily removed with waterless, hand cleaners followed by washing thoroughly with soap and water. Remove contaminated clothing and launder or dry-clean before reuse. Remove contaminated shoes and thoroughly clean and dry before reuse.

## 8. Exposure Controls and Personal Protection...continued

### Exposure Guidelines

Please see section 2.

## 9. Physical and Chemical Properties

**Physical State** Liquid

**Melting Point/Range** N/A

**760mm. Hg**

**Solubility in Water** Soluble

**Appearance**

**pH** N/A

**Molecular Weight** N/A

**Vapor Pressure (mmHg)** N/A

**VOC** N/A

**Appearance/Color/Odor** Colored/Sweet

**Boiling Point/Range** 100°C (212° F) @

**How to Detect this Compound**

**Specific Gravity (Water = 1)** 1.08

**Percent Volatiles** 86.1

**Vapor Density (Air = 1)** Heavier than air

## 10. Stability and Reactivity

**Stability** Stable

**Hazardous Polymerization** N/A

**Conditions To Avoid** Excessive heat, poor ventilation, corrosive atmospheres, and excessive aging.

**Materials To Avoid** Strong chemicals and oxidizing materials.

**Hazardous Decomposition Products** From thermal decomposition, Carbon monoxide, Carbon dioxide, and oxides of nitrogen.

## 11. Toxicological Information

N/A

## 12. Ecological Information

N/A

## 13. Disposal Considerations

Use non-leaking containers, seal tightly and label properly. Dispose of in accordance with applicable local, county, state, and federal guidelines. Do not dispose in streams, wells, lakes, rivers, oceans, or sewers.

## 14. Transportation Information

**DOT Proper Shipping Name** Dry/Liquid Cement Color

**DOT Hazard Class ID Number** Non-hazardous. Not required. Class 55.

## 15. Regulatory Information

Reportable Quantity N/A

NFPA Rating 0=Insignificant, 1=Slight, 2=Moderate, 3=High, 4=Extreme

Health 1

Flammability 0

Reactivity 0

Carcinogenicity Lists Yes

NTP Yes

IARC Monograph Yes

OSHA Regulated No

### STATE WARNING

California Prop 65: N/A

Many States have adopted Federal guidelines and restrictions for hazardous chemicals. A complete list is available at [www.epa.gov/ceppo/pubs/title3.pdf](http://www.epa.gov/ceppo/pubs/title3.pdf). Some states have expanded the Federal List and you should check with your local regulatory agency for any additional restrictions on the hazardous chemicals listed in this section.

### FEDERAL WARNING

Section 313 Supplier Notification: This product contains the following toxic chemical(s) subject to the reporting requirements of SARA TITLE III, Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372: N/A

## 16. Other Information

**IMPORTANT!** Read this MSDS before use or disposal of this product. Pass along the information to employees and any other persons who could be exposed to the product to be sure that they are aware of the information before use or other exposure.

This MSDS has been prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200). To the best of our knowledge, the information contained herein is accurate and the information is based on sources believed to be reliable. However, since data, safety standards, and government regulations are subject to change, LEGACY makes no warranty, either expressed or implied with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. The data on this sheet is related only to this specific material. It may not be valid for this material if used in combination with any other materials. It is the user's responsibility to determine suitability and completeness of this information with regards to a particular use. Additional information may be necessary or helpful for specific conditions and circumstances of use. Unknown hazards may exist and this material should be used with caution. LEGACY assumes no legal responsibility for use or reliance upon this data.