



# Spray Deck Overlay 1K and 2K

## Section 1 Product Description

Product Name: Spray Deck Overlay 1k and 2K  
 Recommended Use: Cementitious Overlay or topping  
 Supplier: ChemSystems, Inc. 10101 Genard Road Houston, TX 77041  
 P: 800.545.9827 • F: 713.329.9065 [www.chemsystemsinc.net](http://www.chemsystemsinc.net)  
 Emergency Phone: CHEMTRAC 1-800-424-9300

## Section 2 Hazard identification

Category 2 Skin Irritant  
 Category 2B Serious Eye Damage/Eye Irritant  
 Category 3 Specific Target Organ Acute Toxicity (respiratory system, central nervous system)



### Signal Word

Warning

### Hazard Statements

H333 - May be harmful if inhaled  
 H313 - May be harmful in contact with skin  
 H303 - May be harmful if swallowed  
 H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

### Precautionary statements

#### Prevention:

P264 - Wash thoroughly after handling  
 P352 - Wash with soap and water

Note: product may contain small traces of silica below 0.1%  
 Use respiratory protection and hazard controls. Use particulate protection.  
 Gloves and /or skin protection is recommended.  
 Safety glasses or eye protection recommended.

Emergency overview: Immediate or delayed hazard: Exposure of sufficient time to wet Portland cement directly on surface, OR on moist areas of the body to DRY powder cement, can cause serious skin or eye injuries in the form of chemical or caustic burns.

**Human Health Hazards:** Not to be expected if handled and used properly.

**Chronic Health Hazard:** Product contains a substance which may have chronic respiratory health hazards including cancer and silicosis. Handle with the proper hazard controls.

## Section 3 Composition/ Information on Ingredients

	<u>CAS #</u>	<u>OSHA PEL(TWA)</u>	<u>ACGIH(TLV-TWA)</u>	<u>Conc. (wt%)</u>
Portland Cement	65997-15-1	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup> Total Dust	<50
Silica	14808-60-7	0.1 mg/m <sup>3</sup>	0.1 mg/m <sup>3</sup> Respirable Dust	>50

# Safety Data Sheet

## **Section 4**                    **First Aid Measures**

### **Emergency First Aid Procedures**

**Skin:** Wash the affected area with water to remove any residue. If irritation develops, get medical attention.

**Eyes:** Flush eyes with water. May cause irritation. If irritation develops, get medical attention.

**Inhalation:** Move to fresh air. Seek medical attention if irritation persists.

**Ingestion:** If irritation develops, get medical attention.

## **Section 5**                    **Firefighting Procedures**

**Extinguishing Media:** N/A

**Flash Point (TCC):** N/A

**Flammable Limits (% volume in air for solvents):** LEL=N/A UEL=N/A

**Special Fire Fighting Procedures:** N/A

**Unusual Fire and Explosion Hazards:** N/A

## **Section 6**                    **Spill or Leak Procedures**

**Steps to Take if Material is Released or Spilled:** Sweep or vacuum using good ventilation.

## **Section 7**                    **Handling and Storage**

**Normal Handling:** Always use good industrial hygiene practices and safety guidelines.

**Storage:** Store in dry area. Keep containers tightly closed when not in use.

**Waste Disposal Method:** Dispose of material in accordance with federal, state, and local guidelines.

**Special Precautions:** None

## **Section 8**                    **Protection Information**

**Respiratory Protection:** If environment is dusty use NIOSH approved respirator

**Ventilation:** Provide adequate mechanical ventilation.

**Protective Gloves:** Rubber gloves recommended.

**Eye Protection:** Wear tight fitting goggles if area is dusty

**Other Protective Clothing or Equipment:** As needed to prevent repeated/prolonged contact.

**Work/Hygienic Practices:** Wash thoroughly with soap and water after handling and before eating, smoking, or using washroom. If clothes become contaminated, change to clean clothing and wash contaminated clothes before re-use.

## **Section 9**                    **Physical Data**

**Appearance:** Powder

**Odor:** Earthen odor

**Odor Threshold:** No data available

**pH:** N/A

**Specific Gravity:** N/A

**Freezing/Melting Point:** N/A

**Boiling Point:** N/A

**Flash Point:** N/A

**Evaporation Rate:** Not determined

**Flammability (solid, gas):** N/A

**Upper/lower Flammability:** Not determined

**Vapor Pressure:** N/A

**Vapor Density:** N/A

**Relative Density:** N/A

**Solubility:** Slightly Soluble

**Partition Coefficient:** Not determined

**Auto-ignition Temperature:** Not determined

**Decomposition temperature:** Not determined

**Viscosity:** Not determined

## **Section 10**                    **Reactivity Data**

**Reactivity:** Stable.

**Conditions to avoid:** None

**Hazardous decomposition products:** N/A

**Hazardous Polymerization:** Will not occur.

# Safety Data Sheet

## **Section 11**                    **Toxicity Data**

**Carcinogen:** No.

**Routes of Exposure:** Inhalation, eyes, skin and Ingestion.

**Acute Toxicity Lethal Doses (ATE):** N/A

**Health Hazards:**

**Acute:** Wet cement may cause alkali burns and dry the skin. Free silica dust may cause delayed lung injury. Dust may cause eye and nose inflammation.

**Chronic:** Silica is listed with IARC as a Class 2 carcinogen. Contains silica, which can cause lung damage and cancer. Risk depends upon duration and level of exposure.

**Skin Contact:** If in contact with moisture, may cause irritation and burns.

**Eye Contact:** If in contact with moisture, may cause irritation and burns.

**Ingestion:** May cause irritation to digestive track.

**Inhalation:** May cause irritation to respiratory tract if inhaled.

**Aggravation of Pre-existing Conditions:** N/A

## **Section 12**                    **Ecological Data**

**Acute Toxicity to Fish:** No data available

**Acute Toxicity to Aquatic Invertebrates:** No data available

**Toxicity to Aquatic Plants:** No data available

**Toxicity to Microorganisms:** No data available

**Chronic Toxicity to Fish:** No data available

**Chronic Toxicity to Aquatic Invertebrates:** No data available

**Persistence and Degradability:** No data available

**Bioaccumulation Potential:** No data available

**Mobility in the Soil:** No data available

**Other Adverse Effects:** None established

## **Section 13**                    **Disposal Information**

**Waste Disposal Method:** Material is not considered a RCRA Hazardous Waste. Dispose of material in accordance with all Federal, State, and Local regulations.

## **Section 14**                    **Transport Information**

**Proper Shipping Name:** N/A

**Hazard Class:** N/A

**UN:** N/A

**Packing Group:** N/A

**Marine Pollutant:** No

## **Section 15**                    **Regulatory Information**

**SARA 311/312:** No

### **CHEMICAL INVENTORIES**

All ingredients of this product are listed or are exempt from listing on the U. S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

**California Proposition 65:** None

**Canadian WHMIS Classification:** Not classified

## **Section 16**                    **Additional Information**

The regulatory information provided is not intended to be comprehensive. Other Federal, State and Local regulations may apply to this material.

**DISCLAIMER:** Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof, manufacturer makes no representations as to the completeness or accuracy thereof.