



# MATERIAL SAFETY DATA SHEET

## 1. COMPANY AND PRODUCT INFORMATION

**Product Name:** Sundek Bond Kote

**Supplier**  
Sundeck Products USA, Inc.  
805 Ave. H Suite 508  
Arlington, Texas 76011  
For health and safety questions:  
Phone number (888) 390-0305  
Fax number (817) 649-7292  
E-mail: products@sundek.com

**For Chemical Emergency  
Spill, Leak, Fire, Exposure, or Accident  
Call CHEMTREC Day or Night**

**Within USA and Canada: 1-800-424-9300  
Outside USA and Canada: 1-703-527-3887  
(collect calls accepted)**

## 2. GENERAL INFORMATION

**Product Class:** Lime Coat  
**HMIS Codes:** H F R P  
2 0 0 E

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

|                 | <u>Wt %</u> | <u>OSHA PEL</u>      | <u>ACGIH TLV</u>     |
|-----------------|-------------|----------------------|----------------------|
| Silica Quartz   | 40 – 70%    | 5 mg/m <sup>3</sup>  | 15 mg/m <sup>3</sup> |
| Portland Cement | 30 – 60%    | 10 mg/m <sup>3</sup> | 5 mg/m <sup>3</sup>  |

## 4. PHYSICAL DATA

|                             |                         |                          |                              |
|-----------------------------|-------------------------|--------------------------|------------------------------|
| <b>Boiling Point:</b>       | N/A                     | <b>Melting Point:</b>    | N/A                          |
| <b>Solubility in Water:</b> | Slight                  | <b>Evaporation Rate:</b> | N/A                          |
| <b>Vapor Pressure:</b>      | N/E                     | <b>Appearance:</b>       | Gritty Powder/Various Colors |
| <b>Vapor Density:</b>       | N/E                     | <b>Odor:</b>             | None                         |
| <b>Specific Gravity:</b>    | Approximately 2.7 – 3.0 |                          |                              |
| <b>Percent Volatiles:</b>   | Nil                     |                          |                              |

## 5. FIRE AND EXPLOSION HAZARD DATA

**Flash Point:** N/E  
**Flammable Limits:** Not Regulated  
**LEL:** N/A  
**UEL:** N/A

**Extinguishing media:** Nonflammable/noncombustible. Use agents appropriate for surrounding fire.  
**Special Fire Fighting Procedures:** N/A  
**Fire and Explosion Hazards:** None known

## 6. REACTIVITY DATA

**Stability:** Stable  
**Hazardous Polymerization:** Will not occur  
**Incompatibility:** Acids will react with this product.  
**Conditions to Avoid:** Product reacts (hydrates) at a slow, controlled rate when mixed with water releasing minimal heat.  
**Hazardous Decomposition Products:** Will not occur

## 7. HEALTH HAZARD DATA

- NTP:** In its *Ninth Annual Report on Carcinogens*, classified "silica, crystalline (respirable)" as a known human carcinogen.
- IARC:** Crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group 1). The IARC evaluation noted that "carcinogenicity was not detected in all industrial circumstances studies." For further information on the IARC evaluation, see IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 68, "Silica, Some Silicates (1997).
- LC50:** Aquatic toxicity rating not determined. The addition of products containing cement to water will, however, cause the pH to rise and may therefore be toxic to aquatic life in some circumstances. Therefore, all possible efforts should be made to keep the product away from drains, surface and ground water, and soil.
- OSHA Regulated:** Crystalline silica (quartz) is not regulated by the U. S. Occupational Safety and Health Administration as a carcinogen.
- Eye Contact:** Irritation, inflammation or abrasion of the eye. Cement is a severe eye irritant.
- Skin Contact:** Dryness, itching, rashes and burns may develop following contact with the skin. Dermatitis or skin sensitization may develop after repeated or prolonged skin contact. In combination with water, it may cause alkali burns.
- Inhalation:** Warning! Harmful if inhaled. Undue coughing, wheezing, and breathlessness. Repeated inhalation of respirable silica in excess of the TWA over extended periods of time may result in irreversible fibrosis of the lungs (silicosis).
- Ingestion:** May cause discomfort if swallowed.
- Cancer hazard:** Risk of cancer depends on duration and level of exposure.
- Medical Conditions Aggravated by Exposure:** Dermatitis, pulmonary conditions and diseases.

## 8. FIRST AID

- Eyes:** DO NOT RUB EYES. Immediately flush thoroughly with plenty of water Measures and get medical attention.
- Skin:** Wash thoroughly with soap and water. Remove soiled clothing and wash before reuse. If symptoms develop, get medical attention.
- Inhalation:** If inhaled, or if difficulty in breathing is experienced, move to fresh air. If coughing, irritation, difficulty in breathing, or other respiratory symptoms persist or develop, get medical attention.
- Ingestion:** Get medical attention.
- Note to physician** — Mucosal injury following ingestion of this material may contraindicate the induction of vomiting in the treatment of possible ingestion.

## 9. SPECIAL PROTECTION INFORMATION

- Respiratory Protection:** Wear dust (particulate) respirator (NIOSH TC-84A approved). 3M Company's Tech Line (1-800-243-4630) may be helpful for respirator advice and availability. For respiratory protection guidelines refer to OSHA 29 CFR 1910.134.
- Ventilation:** Adequate ventilation and sufficient local exhaust as needed to maintain exposure below TWA and TLV limits.
- Eye Protection:** Wear safety goggles. Wearing of contact lenses when working with this product is not recommended.
- Skin Protection:** Wear suitable protective clothing to minimize skin contact and impervious gloves.
- Work and Hygienic Practices:** Wash with soap and water immediately after handling. Remove and wash contaminated clothing. As with all commercial and industrial products, always wash hands before eating or smoking.

## 10. SPILL OR LEAK PROCEDURES

### Steps to be taken if material is released or spilled:

Only qualified personnel who have read the product Tech-Data Bulletins and this MSDS should conduct these procedures. Persons not wearing protective equipment should be excluded from the area. Follow procedures in *Section VIII—Exposure Controls/Personal Protection*. Avoid generating dust during recovery or disposal. Collect in labeled waste container.

### Waste Disposal Method:

Follow personal protection procedures (*Section VIII*) when disposing of material. Disposal of all residual or recovered product must be in accordance with all applicable federal, state, and local regulations.

**11. OTHER PRECAUTIONS****Handling and Storing:**

Follow personal protection procedures (*Section VIII*) when handling the material. Store in a cool, dry, well-ventilated area, in unopened original packaging or in tightly closed labeled containers. Protect from physical damage. Avoid contact with acids and other oxidizers. Avoid moisture; moisture may result in product hydration.

**12. SHIPPING DATA**

**D.O.T. Shipping Name:** Lime Coat

**Technical Shipping Name:** Lime Coat

**D.O.T. Hazard Class:** Not Regulated

**UN/NA Number:** N/A

**Reportable Quantity:** None

**D.O.T. Labels Required:** N/A

**Freight Class:** 55

**Disclaimer:**

To the best of our knowledge, the information contained herein is accurate, obtained from sources believed by this company to be accurate.