



**Mortex Manufacturing Co., Inc.**  
1818 West Price Street  
Tucson AZ 85705

**HEALTH EMERGENCY**

520-887-2631

# **MATERIAL SAFETY DATA SHEET**

## **PRODUCT IDENTIFICATION**

Kool Deck Elite

Product Code :KDE

MSDS Date :12/18/2007

Supersededos :N/A

| Hazard Rating |   | Scale           |
|---------------|---|-----------------|
| Toxicity      | 1 | 4=EXTREME       |
| Fire          | 0 | 3=HIGH          |
| Reactivity    | 0 | 2=MODERATE      |
| Special       | 0 | 1=SLIGHT        |
|               |   | 0=INSIGNIFICANT |

## **COMPONENT INFORMATION**

| <b><u>No.</u></b>                                                 | <b><u>CAS REG NO.</u></b> | <b><u>AMT.(%)</u></b> |
|-------------------------------------------------------------------|---------------------------|-----------------------|
| 1 Portland Cement<br>(Type II, V, Block, Plastic, White, Oilwell) | 65977-15-1                |                       |
| 2 Limestone                                                       | 1317-65-3                 |                       |
| 3 Proprietary mixture of natural occurring organic substances     | None Required (<5%)       |                       |

## **EMERGENCY RESPONSE INFORMATION**

### **FIRST AID PROCEDURES**

#### **INHALATION**

Move subject to fresh air - if irritation persists, get medical attention.

#### **EYE CONTACT**

Wash eyes immediately with running water for 15 minutes including under eyelids. Get prompt medical attention.

#### **SKIN CONTACT**

Wash skin thoroughly with soap and water, remove and wash contaminated clothing. If irritation persists consult physician.

#### **INGESTION**

Immediately dilute by drinking large amounts of milk or water. Consult a physician.

## **FIRE FIGHTING INFORMATION**

### **UNUSUAL HAZARDS**

None

### **EXTINGUISHING AGENTS**

Not applicable - as appropriate for surrounding combustibles.

### **PERSONAL PROTECTIVE EQUIPMENT**

Wear self-contained breathing apparatus and full protective gear as for surrounding fire.

## **SPILL OR LEAK HANDLING INFORMATION**

### **PERSONAL PROTECTION**

In dusty conditions, use NIOSH approved dust filter respirator; approved tight-fitting safety goggles; and gloves, long-sleeved shirt and long pants.

### **PROCEDURES**

Material can be handled as normal solid waste. Use dry cleanup methods that do not disperse the dust into the air. Floor may be slippery; use care to avoid falling. Avoid breathing dust.

**CONTINUED**



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## **HAZARD INFORMATION**

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### **HEALTH EFFECTS FROM OVEREXPOSURE**

#### **PRIMARY ROUTES OF EXPOSURE**

Inhalation. Skin Contact. Eye Contact.

#### **INHALATION**

Cement and aggregate dust can cause inflammation of the lining tissue of the interior of the nose and lungs.

#### **EYE CONTACT**

**Material can cause the following:** Abrasiveness may cause eye irritation. Cement mixed with water in the eye can cause alkali burns.

#### **SKIN CONTACT**

**Prolonged or repeated skin contact can cause the following:** Wet cement can dry and cause alkali burns. Hypersensitive individuals may develop and allergic dermatitis (skin rash) to dust.

#### **INGESTION**

**Material is possibly harmful if swallowed.** - due to high alkali content of material

#### **DELAYED EFFECTS**

Crystalline quartz content of cement and aggregates may cause delayed lung injury.

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### **FIRE AND EXPLOSIVE PROPERTIES**

|                                 |                |
|---------------------------------|----------------|
| Flash Point . . . . .           | Not Applicable |
| Lower explosive limit . . . . . | Not Applicable |
| Upper explosive limit . . . . . | Not Applicable |

### **REACTIVITY INFORMATION**

#### **INSTABILITY**

This material is considered stable.

#### **HAZARDOUS DECOMPOSITION PRODUCTS**

There are no known hazardous decomposition products for this material.

#### **HAZARDOUS POLYMERIZATION**

Product will not undergo polymerization.

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## **ACCIDENT PREVENTION INFORMATION**

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### **COMPONENT EXPOSURE INFORMATION**

#### **COMPONENT INFORMATION**

| <b><u>NO.</u></b>  | <b><u>CAS REG NO.</u></b> | <b><u>AMT.(%)</u></b> |
|--------------------|---------------------------|-----------------------|
| 1. Portland Cement | 65977-15-1                |                       |
| 2. Limestone       | 1317-65-3                 | Total Quartz Content  |
| 3. Organics        | Trade Secret              | < 2 ½%                |

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### **EXPOSURE LIMIT INFORMATION**

| <b><u>No.</u></b> |                   | <b><u>UNITS</u></b>  |
|-------------------|-------------------|----------------------|
| 1. TLV/TWA -      | Respirable Dust - | 5 mg/m <sup>3</sup>  |
| 2. TLV/TWA -      | Respirable Dust - | 10 mg/m <sup>3</sup> |
| 3. None           |                   | None                 |

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## **PERSONAL PROTECTION MEASURES**

### **RESPIRATORY PROTECTION**

While dusty conditions are encountered, wear a MSHA/NIOSH approved (or equivalent) half-mask air purifying respirator.

### **EYE PROTECTION**

Use chemical splash goggles (ANSI Z87, 1 or approved equivalent).

### **HAND PROTECTION**

Cotton or canvas gloves.

## **FACILITY CONTROL MEASURES**

### **VENTILATION**

Use local exhaust ventilation. Refer to the current edition of Industrial Ventilation: A Manual of Recommended Practice published by the American Conference of Governmental Industrial Hygienists for information on the design, installation, use, and maintenance of exhaust systems.

### **OTHER PROTECTIVE EQUIPMENT**

Facilities storing or utilizing this material should be equipped with an eyewash facility.

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## **STORAGE AND HANDLING INFORMATION**

### **STORAGE CONDITIONS**

Store dry at ambient temperature using good warehouse and production handling procedures.

### **HANDLING PROCEDURES**

When handling and processing this material local exhaust ventilation may be required to control dust.

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## **SUPPLEMENTAL INFORMATION**

### **TYPICAL PHYSICAL PROPERTIES**

|                                     |                           |
|-------------------------------------|---------------------------|
| Appearance: . . . . .               | Free-flowing White powder |
| Odor Characteristic. . . . .        | Slight                    |
| Vapor Pressure. . . . .             | N/A - (solid)             |
| Melting point. . . . .              | No Data                   |
| Boiling point . . . . .             | N/A - (solid)             |
| Solubility in water . . . . .       | Slight (0.1-1.0%)         |
| Percent Volatility . . . . .        | 0%.                       |
| Evaporation rate (BAc = 1). . . . . | N/A - (solid)             |

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### **TOXICITY**

All ingredients are non-toxic

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### **WASTE DISPOSAL**

#### **PROCEDURE**

Place in proper container for disposal at a landfill that complies with local, State and Federal regulations.

**CONTINUED**



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## **REGULATORY INFORMATION**

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### **WORKPLACE CLASSIFICATIONS**

Portland cement and other compounds are classified as nuisance dust by OSHA, MSHA and ACGIH. Portland cement and other compounds are NOT listed by NTP, IARC or OSHA as a carcinogen or potential carcinogen! However, it can contain detectable amounts of chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

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### **TRANSPORTATION CLASSIFICATIONS**

D.O.T. Not regulated.

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### **EMERGENCY PLANNING & COMMUNITY RIGHT-TO-KNOW (SARA TITLE3)**

#### **SECTION 311/312 CATEGORIZATIONS 40cfr 370**

This product does not contain any chemical subject to reporting requirement.

#### **SECTION 313 INFORMATION (40CFR 302.4)**

This product does not contain a chemical which is listed in Section 313 above *de minimis* concentrations.

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### **CERCLA INFORMATION (40CRF 302.4)**

Releases of this material to air, land, or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

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### **RCRA INFORMATION**

When this product becomes a waste, it is classified as a non-hazardous waste under criteria of the Resource Conservation and Recovery Act (40 CFR 261).

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