

MATERIAL SAFETY DATA SHEET

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| EDISON COATINGS, INC 3 NORTHWEST DRIVE PLAINVILLE, CT 06062 (860)-747-2220 | IN CASE OF EMERGENCY, CALL INFOTRAC at 1-800-535-5053 | <u>HMIS RATINGS</u> | |
| | | FIRE: | 0 |
| | | HEALTH: | 3 |
| | | REACTIVITY: | 0 |
| | | PROTECTION: | -- |

SECTION 1 - PRODUCT IDENTIFICATION

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| PRODUCT NAME: | DECK TOP 47 PART B | D.O.T. CATEGORY: | Not Regulated |
| PRODUCT CLASS: | Portland Cement-Based Mortar | DATE OF PREPARATION: | 7/14/00 |
| PRODUCT TYPE: | Blend, Portland Cement, aggregates, minerals and pigments | PREVIOUS REVISION: | 1/7/11 |

SECTION 2 - HAZARDOUS INGREDIENTS

| <u>INGREDIENT</u> | <u>EXPOSURE LIMITS</u> | | |
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| | <u>CONCENTRATION</u> | <u>CAS#</u> | <u>OSHA PEL TWA</u> |
| PORTLAND CEMENT | <20% | 65997-15-1 | 5 mg/m ³ (respirable dust) 15 mg/m ³ (total dust) |
| CALCIUM SULFATE | 0.4-2% | VARIOUS | 5 mg/m ³ (respirable dust) 15 mg/m ³ (total dust) |
| MAGNESIUM OXIDE | 0-0.8% | 1309-48-4 | 10 mg/m ³ |
| CALCIUM OXICE | 0-0.1% | 1305-78-8 | 5 mg/m ³ |
| CRYSTALLINE SILICA | <80% | 14808-60-7 | 0.1 mg/m ³ (respirable dust) |
| CHROMATES | 0-0.001% | VARIOUS | 0.1 mg (CrO ₃)/m ³ |
| NUISANCE DUST | VARIOUS | VARIOUS | 5 mg/m ³ (respirable dust) 15 mg/m ³ (total dust) |

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| SARA TITLE 3 SECTION 313: | Not Listed. |
| SUSPECTED CARCINOGEN: | See Sections 5 & 10 |

SECTION 3 - PHYSICAL DATA

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| PHYSICAL STATE: | fine, granular powder. | VAPOR PRESSURE: | N/A |
| SPECIFIC GRAVITY: | 1.36 (approx.) | VAPOR DENSITY: | N/A |
| DENSITY: | 85 lb./ft. | WATER SOLUBILITY: | Miscible |
| BOILING POINT: | N/A | EVAPORATION RATE (ETHER = 1): N/A | |
| MELTING POINT: | N/A | | |

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

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| FLASH POINT: | None. |
| FLAMMABILITY CLASSIFICATION: | None. |
| EXTINGUISHING MEDIA: | None required. |

SECTION 5 - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE

ACUTE: **Eye Contact:** Exposure to airborne dust may cause immediate or delayed irritation or inflammation. Eye contact by dry powder or splashes of wet product may cause effects ranging from moderate eye irritation to chemical burns and blindness. In case of such exposures, seek immediate first aid (See Below) and/or medical attention.

Skin Contact: Exposure to dry product may cause drying of skin with consequent mild irritation. Dry cement contacting wet skin or exposure to moist or wet cement may cause more severe skin damage in the form of (caustic) chemical burns. Minimize skin contact, particularly contact with wet cement. Exposed persons may not feel discomfort until hours after the exposure has ended and significant injury has occurred. Some individuals may exhibit an allergic response upon exposure to this product, possibly due to trace amounts of chromium. The response may range from a mild rash to severe skin ulcers.

Inhalation: This product may contain trace amounts of free crystalline silica. Prolonged exposure to respirable free crystalline silica can aggravate other lung conditions and cause silicosis, a disabling and potential fatal lung disease. (Also see Ingestion for CARCINOGENIC POTENTIAL.) Exposure to this product may cause irritation to the moist mucous membranes of the nose, throat, and other respiratory areas. It may also leave unpleasant deposits in the nose.

Ingestion: Although small quantities of dust are known to be harmful, ill effects are

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| PRIMARY ROUTE(S) OF ENTRY: | Inhalation, Eye Contact, Skin Contact. |
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SECTION 6 - REACTIVITY DATA

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| STABILITY: | Stable (all components stable). |
| INCOMPATIBILITY: | Contact with powerful oxidizing agents such as fluorine, chlorine, trifluoride, oxygen difluoride, may cause fires. Also, avoid unintentional contact with water. |
| HAZARDOUS DECOMPOSITION PRODUCTS: | Silica will dissolve in hydrofluoric acid and produce a corrosive gas, silicon tetrafluoride. Adding water produces (caustic) calcium hydroxide. However, decomposition will not spontaneously occur. |

SECTION 7 - SPILL OR LEAKAGE PROCEDURES

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| IF MATERIAL IS SPILLED: | Use dustless methods (vacuum) and place into closable container for disposal, or flush with water. Do not dry sweep. Wear protective equipment specified below. |
| WASTE DISPOSAL METHOD: | Toe packaging and material may be landfilled, however, material should be covered to minimize generation of airborne dust. RCRA: Crystalline silica (quartz) is NOT classified as a hazardous waste under the Resource Conservation and Recovery Act. Dispose of waste material according to local, state, and federal regulations. Dispose of bags in an approved landfill or incinerator. |

SECTION 8 - SAFE HANDLING AND USE INFORMATION

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| RESPIRATORY PROTECTION: | Avoid action that cause dust to become airborne. However, a respirator is recommended for protection against crystalline silica. Use only a NIOSH-approved respirator. |
| VENTILATION: | Use local exhaust or general dilution ventilation to control exposure within applicable limits. |
| SKIN PROTECTION: | Prevention is essential to avoiding potentially severe skin injury. Avoid contact with unhardened product. If contact occurs, promptly wash affected area with soap and water. Where prolonged exposure to unhardened cement products might occur, wear impervious clothing and gloves to eliminate skin contact. Where required, wear sturdy boots that are impervious to water to eliminate foot and ankle exposure. Do not rely on barrier creams; barrier creams should not be used in place of gloves. Periodically wash areas contacted by dry cement or wet cement or concrete fluids with a pH-neutral soap. Wash again at the end of work. If irritation occurs, immediately wash affected area and seek treatment. If clothing becomes saturated with wet concrete, it should be removed and replaced with clean, dry clothing. |
| EYE PROTECTION: | Where potentially subject to splashes or puff of cement, wear safety glasses with side shields or goggles. In extremely dusty environments and unpredictable environments, wear unvented or indirectly vented goggles to avoid eye irritation or injury. Contact lenses should not be worn when working with this product or fresh cement products. |

SECTION 9 - SPECIAL PRECAUTIONS

HANDLING AND STORAGE: Keep this product dry until use. Normal temperatures do not affect the material. Avoid breakage of bagged material or spills of bulk material. See Section 7,

which is wet with cement fluids and launder before reuse. vauen.3513f051003glf