

# MATERIAL SAFETY DATA SHEET

KEIM Universalputz



## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: KEIM Universalputz

CHEMICAL FAMILY: White-cement, calcium dihydroxide, aggregate and additives

PRODUCT USE: Exterior/Interior wall render/plaster

MANUFACTURER:

KEIM Mineral Coatings of America, Inc.  
10615 Texland Boulevard, #600  
Charlotte, NC 28273  
Phone: 1-704-588-4811  
Emergency Phone: only in US and Canada  
1 800 535 5053 (INFOTRAC)

## 2. HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

EMERGENCY OVERVIEW:

WARNING!

RISK OF SERIOUS EYE DAMAGE.

HARMFUL IF SWALLOWED. IRRITANT TO SKIN, EYES

AND RESPIRATORY PASSAGES. PROLONGED OR REPEATED INHALATION  
MAY CAUSE LUNG DAMAGE.

ROUTE(S) OF ENTRY: Inhalation, skin and eye contact

Appearance/odor: Odorless white powder

CARCINOGENICITY: See section 11.

NTP: No

IARC: No

OSHA: No

Note: Carcinogen risk present only by inhalation of dust or mist.

This material is considered hazardous by the OSHA Hazard Communication Standard. (29CFR1910.1200)

**HMIS:** Health:2 Flammability: 0 Reactivity: 1

**NFPA:** Health: 2 Flammability: 0 Reactivity: 1

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### 3. COMPOSITION/ INFORMATION ON INGREDIENTS

Component	CAS#	% By Wt.
Cement, white	65997-15-1	10 - 25
Calcium hydroxide	1305-62-0	2.5 - 5

### 4. FIRST AID MEASURES:

SKIN: Wash with soap or mild detergent and large amounts of water. Do not use solvents or thinners.

EYES: Hold eyes open and flush for several minutes with large amounts of water. Get immediate medical attention.

INGESTION: Do not induce vomiting. Give two glasses of water to dilute stomach contents. Never give anything by mouth to an unconscious person. Get immediate medical attention.

INHALATION: Remove to fresh air immediately. If breathing has stopped give artificial respiration. If breathing is difficult administer oxygen. Consult physician if irritation of respiratory passage occurs.

### 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Product is not flammable. Use extinguishing agent suitable for surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES: None

### 6. ACCIDENTAL RELEASE MEASURES:

SPILL AND LEAK PROCEDURES: Wear protective clothing. Do not allow product to reach soil, sewage system or any water sources. Avoid contact with skin and eyes. Pick up mechanically and place in container for disposal according to local regulations (see Section 13). Avoid formation of dust. Clean affected areas thoroughly. Danger of slipping.

### 7. HANDLING AND STORAGE

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**HANDLING:** Wear protective clothing, gloves and glasses to avoid contact with skin and eyes. Prevent formation of dust. Ensure good ventilation/exhaust at the workplace.

**STORAGE:** Store in closed original containers. Do not store together with acids. Protect from humidity and water. Store in cool, dry conditions in well-sealed receptacles.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS:

Component	CAS#	Exposure Limits
Cement, white	65997-15-1	1 mg/m <sup>3</sup> TWA, 5 mg/m <sup>3</sup> STEL ACGIH*
Calcium hydroxide	1305-62-0	5 mg/m <sup>3</sup> ACGIH
* Inhalable fraction		

**ENGINEERING CONTROLS:** Use local exhaust ventilation or respiratory protection to maintain employee exposure below TLV.

**RESPIRATORY PROTECTION:** If airborne concentration poses a health hazard, becomes irritating or exceeds recommended limits, use a NIOSH approved respirator in accordance with OSHA Respirator Protection requirements under 29 CFR 1910.134.

**SKIN PROTECTION:** Clothing and gloves suitable to prevent skin contact. Use nitrile impregnated cotton-gloves, PVC or PE gloves; recommended thickness: ≥0.5 mm. Check suitability recommendations by protective equipment manufacturers, especially towards chemical breakthrough resistance.

**EYE PROTECTION:** Safety goggles with side shields.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	White powder
Odor	Odorless
Flashpoint	Not applicable
pH	Alkaline in water
Vapor pressure	Not applicable
Solubility in Water	miscible
Bulk Density	1.3 -1.4* kg/dm <sup>3</sup>

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Viscosity Not determined

\* Values are for freshly produced material and may change over time.

## **10. STABILITY AND REACTIVITY**

CHEMICAL STABILITY: Stable.

HAZARDOUS DECOMPOSITION PRODUCTS: None.

POLYMERIZATION: Will not occur.

INCOMPATIBILITIES: Reacts with acids.

## **11. TOXICOLOGICAL INFORMATION**

Severe eye irritant. Risk of eye damage.

Irritant to skin and respiratory passages.

Sensitization: Product is reduced in chromate. Within the indicated storage time, sensitization is not expected.

White cement may contain trace amounts of Chromium VI and Crystalline Silica, that are recognized carcinogens.

## **12. ECOLOGICAL INFORMATION**

AOX-indication: Based on our current information, this product does not contain any organic bounded halogen.

There are no eco-toxicological assessments.

Avoid contamination of ground water or waterways. Do not discharge into surface waters or drains.

## **13. DISPOSAL CONSIDERATIONS**

Dispose of in accordance with Federal, State or Local regulations.

## **14. TRANSPORT INFORMATION**

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DOT SHIPPING NAME: Not regulated.

IMDG: Not regulated

IATA: Not regulated

## **15. REGULATORY INFORMATION**

**TSCA status:** All components of this product are on the TSCA Inventory.

**DSL status:** All components of this product are on the DSL Inventory.

### **SARA (section 311/312):**

Reactive hazard: no  
Pressure hazard: no  
Fire hazard: no  
Immediate/acute: yes  
Delayed/chronic: yes

### **SARA Title III:**

To the best of our knowledge, this product contains no toxic chemicals which are subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

**California Proposition 65:** This product does not contain any chemicals known to the State of California to cause cancer, birth defects or any other reproductive harm.

**Canadian WHMIS:** Class D2B

**Note:** Entries under this section cover only those regulations typically addressed in the MSDS generating process, such as, TSCA, and EPCRA/SARA Title III.

## **16. OTHER INFORMATION**

HAZCOM LABEL:

WARNING!

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AND RESPIRATORY PASSAGES. PROLONGED OR REPEATED INHALATION

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This MSDS conforms to the American National Standard, ANSI Z400.1-2004. To the best of our knowledge, the information contained in this MSDS is accurate. It is intended to assist the user in his evaluation of the product's hazards, and safety precautions to be taken in its use. The data on this MSDS relate only to the specific material designated herein. We do not assume any liability for the use of, or reliance on this information, nor do we guarantee its accuracy or completeness.

Version 2.3

July 8, 2013

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