

MATERIAL SAFETY DATA SHEET

KEIM Restauro Giess



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: KEIM Restauro Giess
CHEMICAL FAMILY: White-cement, aggregate and mineral additives
PRODUCT USE; Casting mortar

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: (Also see section 11)

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. CAN CAUSE CANCER.

ROUTES OF ENTRY: Inhalation, skin and eye contact.

Appearance: Odorless white mortar powder.

CARCINOGENICITY:

NTP: Yes Quartz, IARC: Yes Quartz, OSHA: No
California Proposition 65: Yes (Crystalline silica)

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

MATERIAL SAFETY DATA SHEET

KEIM Restauro Giess



3. COMPOSITION/ INFORMATION ON INGREDIENTS

Component	CAS#	% By Wt.
Cement	65997-15-1	25 - 50
Quartz	14808-60-7	50 - 75
Pigments	Various	<10

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 at least 15 minutes with large amounts of water. Get immediate medical if irritation occurs.

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: Not applicable

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: Collect into suitable containers.

7. HANDLING AND STORAGE

STORAGE: Store in closed original containers. Protect from heat and exposure to direct sun. Protect from freezing.

HANDLING: Wear clothing, gloves and glasses to avoid contact with skin and eyes.

MATERIAL SAFETY DATA SHEET

KEIM Restauro Giess

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

EXPOSURE LIMITS:

Component	CAS#	Exposure Limits
Cement	65997-15-1	1 mg/m ³ TWA, 5 mg/m ³ STEL ACGIH*
Quartz	14808-60-7	0.025 mg/ m ³ , respirable TWA ACGIH
Pigments*	Various	See section 11

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

RESPIRATORY PROTECTION: If airborne concentration 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. Check suitability recommendations by protective equipment manufacturers, especially towards chemical breakthrough resistance.

EYE PROTECTION: Safety glasses with side shields.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	White
Odor	Odorless
Flashpoint	Not applicable.
Density (Bulk)	1.55 g/cm ³
Vapor Pressure at 20°C	Not applicable.
Lower Explosion Limit	Not applicable.
Upper Explosion Limit	Not applicable.
Solubility in Water	Slightly miscible
pH at 20°	~12

MATERIAL SAFETY DATA SHEET

KEIM Restauro Giess



10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Reacts with acids

HAZARDOUS DECOMPOSITION PRODUCTS: None.

POLYMERIZATION: Will not occur.

INCOMPATIBILITIES: Strong acids and oxidizing agents.

11. TOXICOLOGICAL INFORMATION

The International Agency for Research on Cancer (IARC) has concluded that crystalline silica inhaled in the form of quartz from occupational sources should be classified as carcinogenic to humans (Group 1)

Cement is a severe eye irritant. It is an irritant to skin and respiratory passages.

Pigments Depending on the color various pigments are used that contain Iron oxide, chromium III, antimony, manganese and/or antimony ingredients. These materials can cause various serious health effects if their dusts are inhaled at concentrations above the permissible exposure limits.

12. ECOLOGICAL INFORMATION

Avoid contamination of ground water or waterways. Do not discharge into sewers.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

DOT SHIPPING NAME: Not regulated.

MATERIAL SAFETY DATA SHEET

KEIM Restauro Giess



15. REGULATORY INFORMATION

All components of this product are on the TSCA Inventory.

SARA Title III:

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.

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: RISK OF SERIOUS EYE DAMAGE. HARMFULL IF SWALLOWED. IRRITANT TO SKIN, EYES AND RESPIRATORY PASSAGES. PROLONGED OR REPEATED INHALATION MAY CAUSE LUNG DAMAGE. CAN CAUSE CANCER.

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Version 2 includes changes to sections 3, 8 and 9

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 1

February 15, 2006

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