

MATERIAL SAFETY DATA SHEET

KEIM Restauro-Grund (Base mortar)



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: KEIM Restauro-Grund (Base mortar)

CHEMICAL FAMILY: Trass cement, aggregate and additives

PRODUCT USE: Masonry restoration 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!
IRRITANT TO SKIN, MUCOUS MEMBRANES AND RESPIRATORY SYSTEM.
RISK OF SERIOUS DAMAGE TO EYES.

ROUTES OF ENTRY: Skin and eye contact and inhalation.

Appearance: Brown powder, odorless.

CARCINOGENICITY:

NTP: No, IARC: No, OSHA: No

This material is considered hazardous by the OSHA Hazard Communication Standard. (29CFR1910.1200) proper personal hygiene practices are recommended in the workplace.

HMIS:

Health: 2 Flammability: 0 Reactivity: 0

NFPA:

Health: 2 Flammability: 0 Reactivity: 0

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3. COMPOSITION/ INFORMATION ON INGREDIENTS

This product contains cement. Cement produces an alkaline reaction with moisture or water. Avoid contact with eyes and prolonged skin contact.

Component	CAS#	% By Wt.
Cement	65997-15-1	25 - 50%

4. FIRST AID MEASURES:

GENERAL: In all cases of doubt, or when symptoms persist, seek medical attention and bring this safety data sheet. Never give anything by mouth to an unconscious person.

SKIN: Immediately remove all contaminated clothing. Wash with soap and water then rinse well with clean water. DO NOT use solvents or thinners. If skin irritation continues, consult a doctor.

EYES: Remove contact lenses, keep eyelids open. Flush for several minutes with running water. Then consult a doctor.

INGESTION: Rinse mouth and throat well with water. Do not induce vomiting. Contact a doctor immediately.

INHALATION: Take the subject into fresh air and keep warm. Consult a doctor in case of complaints.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Product itself does not burn. Coordinate fire-fighting to the surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES: None

6. ACCIDENTAL RELEASE MEASURES:

SPILL AND LEAK PROCEDURES: Provide for adequate ventilation. Avoid formation of dust and contact with skin and eyes. Spills should be carefully collected in

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appropriate waste containers. Product forms slippery surfaces when combined with water. Dispose of the material according to regulations.

7. HANDLING AND STORAGE

HANDLING: Wear protective clothing, gloves and glasses to avoid contact with skin and eyes. Prevent the formation of dust. Ensure good ventilation in the workplace. Do not inhale dust/fumes/aerosols. Wear appropriate NIOSH approved dust respirators whenever workplace conditions warrant respirator use. Keep container tightly closed.

STORAGE: Always store in original containers and tightly closed in a cool, dry and well ventilated area. Do not store together with acids. Protect from humidity and water. Avoid dust formations and deposits. Keep away from foodstuffs, beverages and feed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS:

Component	CAS#	Exposure Limits
Cement	65997-15-1	10* 4** mg/m ³ , WEL *inhalable dust ** respirable dust

ENGINEERING CONTROLS: Use in a well ventilated area. Ensure that the local exhaust ventilation maintains the concentrations below the occupational exposure limits.

RESPIRATORY PROTECTION: Not necessary if room is well-ventilated. Wear appropriate NIOSH approved dust respirators whenever workplace conditions warrant respirator use.

SKIN PROTECTION: Avoid skin contact by wearing protective work clothing. The resistance of the protective material should be checked prior to use.

EYE PROTECTION: Protective eyewear suitable for dust and liquids.

GENERAL HYGIENE: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Vacuum clean contaminated clothing. Do not blow or brush off contamination to avoid formation of dust. Wash hands before breaks and at the end of work. Avoid contact with eyes and skin. Do not inhale dust.

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Property	Value
Appearance	Powder
Color	Brown
Odor	odorless
Melting point	Pyrolysis at melting point
Boiling point	Not applicable
Flashpoint	Not applicable.
Self-igniting	Not self igniting
Danger of explosion	Not an explosion hazard
Explosion limits	Not applicable
Vapor pressure at 20°C (68°F)	Not applicable
Bulk density at 20°C (68°F)	~1.4 * g/cm ³
Solubility in Water	Slightly soluble/miscible
pH at 20°C (68°F)	Alkaline when mixed with water

* The values are for freshly produced material and may change with time

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under recommended storage and handling conditions (See Section 7).

HAZARDOUS DECOMPOSITION PRODUCTS: None

POLYMERIZATION: Will not occur.

INCOMPATIBILITIES: No dangerous reactions known.

11. TOXICOLOGICAL INFORMATION

Product is alkaline.

Skin irritation: Irritant to skin and mucous membranes.

Eye irritation: Strong irritant with the danger of severe eye injury.

Inhalation: Irritating to respiratory system.

Ingestion: Irritant effect is possible.

Sensitization: No sensitization effects known

12. ECOLOGICAL INFORMATION

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

Contaminated packaging must be emptied of all residues and following appropriate cleaning, may be sent to a recycling plant. Unclean packages must be disposed of in accordance with Federal, State or Local regulations.

14. TRANSPORT INFORMATION

DOT SHIPPING NAME: Not regulated.

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:

WARNING!

IRRITANT TO SKIN, MUCOUS MEMBRANES AND RESPIRATORY SYSTEM.

RISK OF SERIOUS DAMAGE TO EYES.

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

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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 1.1 (US):

Jan. 29, 2012

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