



Safety Data Sheet

KEIM Concretal Lasur

1. Identification

Product identifier

KEIM CONCRETAL Lasur

Recommended use of the chemical and restrictions on use

Sol-Silicate coating

Details of the supplier of the safety data sheet

Company name: KEIM Mineral Coatings of America, Inc
Street: 10615 Texland Boulevard, #600
Place: USA Charlotte, NC 28273
Telephone: 1 704-588-4811

Emergency phone number: in US and Canada:
1 800 535 5053 (INFOTRAC)

2. Hazard(s) identification

Classification of the chemical

29 CFR Part 1910.1200

This mixture is not classified as hazardous according to Regulation 29 CFR 1910.1200(d).

Label elements

Additional advice on labelling

The product does not require a hazard warning label.

Hazards not otherwise classified

Handle in accordance with good industrial hygiene and safety practice.

3. Composition/information on ingredients

Mixtures

Chemical characterization

Aqueous solution of potassium water glass, silica sol, acrylate dispersion, mineral fillers, pigments and additives.

4. First-aid measures

Description of first aid measures

General information

No specific precautions required.

After inhalation

Take affected person into fresh air.

In the event of symptoms refer for medical treatment.

After contact with skin

Wash off with soap and plenty of water.

Consult a doctor if skin irritation persists.

Do not use solvents or thinners.



After contact with eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical treatment by eye specialist.

After ingestion

Rinse out mouth and give plenty of water to drink.

Do not induce vomiting.

Call a physician immediately.

Most important symptoms and effects, both acute and delayed

OSHA Hazard Communication: This material is considered hazardous by the OSHA Hazard Communication Standard 29CFR 1910.1200.

Indication of any immediate medical attention and special treatment needed

Treat symptoms.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media

Product itself does not burn. Fire-extinguishing activities according to surrounding.

Specific hazards arising from the chemical

In case of fire and/or explosion do not breathe fumes.

Special protective equipment and precautions for fire-fighters

Use breathing apparatus with independent air supply. In case of fire and/or explosion do not breathe fumes.

Additional information

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Observe protective instructions (see Sections 7 and 8).

Ensure adequate ventilation.

Risk of slipping due to leakage/spillage of product.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

Methods and material for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder). Shovel into suitable container for disposal.

Clean contaminated surface thoroughly with water.

Reference to other sections

Information for disposal look up chapter 13.

7. Handling and storage

Precautions for safe handling

Advice on safe handling

Avoid contact with skin, eyes and clothing.

Keep container tightly closed.

Avoid formation of Aerosols.

No special measure necessary.

Information for personal protective equipment, see Section 8. National and local regulations concerning chemicals should be observed.

Advice on protection against fire and explosion

No special measure necessary..



Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep only in unopened original container. Keep in a dry, cool and well-ventilated place.

Advice on storage compatibility

Do not store with acids.

Further information on storage conditions

Keep from freezing.

Protect from heat and direct solar radiation.

8. Exposure controls/personal protection

Control parameters

Exposure limits

CAS No.	Substance	ppm	mg/m ³	f/cc	Category	Origin
14808-60-7	Silica, crystalline (as respirable dust)	-	0.05		TWA (8 h)	REL
14808-60-7	Silica, crystalline - alpha-quartz (respirable fraction)		0.025		TWA (8 h)	TLV
14808-60-7	Silica, crystalline quartz, total dust	-	(Z-3)		TWA (8 h)	PEL

Exposure controls

Protective and hygiene measures

Do not inhale aerosols

Take off all contaminated clothing immediately.

Avoid contact with skin, eyes and clothing.

Wash hands before breaks and at the end of workday.

Eye/face protection

Tightly fitting splash protection goggles.

Hand protection

Chemical-resistant gloves (EN 374).

Chemical protective gloves made of nitrile, nitrile/cotton, butyl or neoprene, with a minimum thickness of 0.7 mm, permeation time of approx. 480 minutes. Select the appropriate glove material adhering to the breakthrough time, permeation rate and the degradation.

Skin protection Long sleeved clothing.

Respiratory protection

Not required; except in case of aerosol formation.

Mask with filter Type N

9. Physical and chemical properties

Physical state: Liquid
Color: Various
Odor: Odorless
pH-Value (at 20 °C): 11.1

Changes in the physical state

Melting point/freezing point: ~ 32°F (0 °C)
Initial boiling point and boiling range: ~ 212°F (100°C)
Flash point: n.a.



Explosive properties	The product is not explosive.
Oxidizing properties	The product is not self-igniting.
Vapor pressure: (at 20 °C)	~23 hPa
Density (at 20 °C):	1.29 g/cm ³
Water solubility:	Miscible
Viscosity / dynamic: (at 20 °C)	400 - 600 mPas

Other information

No data available.

10. Stability and reactivity

Reactivity

Stable under normal conditions

Chemical stability

Stability: Stable

Information on basic physical and chemical properties

Stable under normal conditions.

Possibility of hazardous reactions

Hazardous reactions: Will not occur

None under normal processing.

Conditions to avoid

Keep from freezing.
Protect from heat and direct solar radiation.

Incompatible materials

Acids.

Hazardous decomposition products

No decomposition if stored and applied as directed.

11. Toxicological information

Information on toxicological effects

Route(s) of Entry

Skin and eye contact, inhalation and ingestion.

Acute toxicity

Based on available data, the classification criteria are not met.
No toxicological data available.

Irritation and corrosivity

Based on available data, the classification criteria are not met.
Skin or eye contact may cause temporary mechanical irritation.
Prolonged contact may cause skin irritation.

Sensitizing effects

Based on available data, the classification criteria are not met.
Non-sensitizing

Specific target organ toxicity (STOT) - single exposure



Based on available data, the classification criteria are not met.

Severe effects after repeated or prolonged exposure

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

Carcinogenicity (NTP): Not listed

Carcinogenicity (IARC): Not listed

Carcinogenicity (OSHA): Not listed

Aspiration hazard

Based on available data, the classification criteria are not met.

12. Ecological information

Ecotoxicity

No toxicological data available.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Other adverse effects

No data available..

Further information

Do not flush into surface water or sanitary sewer system. A pH-change becomes possible in water.

13. Disposal considerations

Waste treatment methods

Advice on disposal

Disposal in accordance with local regulations.

Contaminated packaging

Disposal in accordance with local regulations. Cleaning agent: Water

14. Transport information

US DOT 49 CFR 172.101

Proper shipping name: Not regulated.

Marine transport (IMDG)

Marine pollutant: no

Other applicable information

Non-hazardous material as defined by the transport regulations.

Air transport (ICAO)

Other applicable information

Non-hazardous material as defined by the transport regulations.

Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

Special precautions for user

Handle in accordance with good industrial hygiene and safety practice.



Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The transport takes place only in approved and appropriate packaging.

15. Regulatory information

U.S. Regulations

National Inventory TSCA

All of the components are listed on the TSCA inventory.

State Regulations

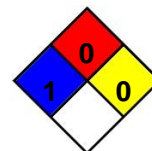
Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)

This product contains no chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other information

Hazardous Materials Information Label (HMIS)

Health: 1
Flammability: 0
Physical Hazard: 0



NFPA Hazard Ratings

Health: 1
Flammability: 0
Reactivity: 0
Unique Hazard:

Revision date: 08.02.2016

Revision No: 10.0

Abbreviations and acronyms

IMDG = International Maritime Code for Dangerous Goods

IATA/ICAO = International Air Transport Association / International Civil Aviation Organization

MARPOL = International Convention for the Prevention of Pollution from Ships

DOT = Department of Transportation

TDG = Transport of Dangerous Goods

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

CAS = Chemical Abstract Service

ISO = International Organization for Standardization

LD = Lethal dose

LC = Lethal concentration

EC = Effect concentration

IC = Median immobilization concentration or median inhibitory concentration

Other data

The information in this document is based on the present state of knowledge and is applicable to the product with regard to appropriate safety precautions.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.
(n.a. = not applicable; n.d. = not determined)
