



# Safety Data Sheet Issue 09/01

Trade Name: **KEIM CONCRETAL DILUTION**

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

**Trade name:** KEIM CONCRETAL DILUTION

Dilutant for Keim Concretal and Keim Concretal Lasur also undiluted as primer for brittle surface. Silicate binding agent. Reacts chemically with the surface.

### **Manufacturer/importer/distributor:**

Keim Mineral Paints Ltd  
Muckley Cross  
Morville  
Nr. Bridgnorth  
Shropshire  
WV16 4RR

Tel: 01746 714543

Fax: 01746 714526

## 2. COMPOSITION/INFORMATION ON INGREDIENTS:

Liquid potassium silicate with stabilisers dilute ammonia added as a keeping agent. Contains no substances that are detrimental to health according to EU guidelines 67/548/EWG

## 3. HAZARDS IDENTIFICATION

Non-hazardous according to EU Guidelines 88/379/EWG

## 4. FIRST AID MEASURES

### **General information:**

**Skin contact:** Wash skin thoroughly with soap and water.

**Eye contact:** Rinse opened eye for several minutes under running water or with eyewash. Remove any contact lenses. If irritation persists seek medical attention.

**Ingestion:** Rinse out mouth immediately, drink plenty of water and seek medical advice.



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## 5. FIRE-FIGHTING MEASURES

Non-flammable

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** See section 8

**Environmental precautions:** Avoid contamination of sewage systems, watercourses or the environment.

**Methods for cleaning up:** Small quantities should be removed to waste dumps. Large quantities to be neutralised and removed. Clean with water, not with solvent.

## 7. HANDLING AND STORAGE

**Handling:** Avoid contact with skin and eyes. See item 8 for information about suitable protective equipment and technical precautions. Close containers tightly after use.

**Storage:**

**Further information about storage:**

Store in tightly closed containers, free from frost. Keep away from food, drink and animal feeding stuffs. Protect against heat or direct sunlight

Avoid contamination with incompatible materials. Reaction with acids: evolution of heat and CO<sub>2</sub> formation. Exothermic reaction with metals, e.g. aluminium and zinc, H<sub>2</sub> produced.

Store according to local and/or national regulation.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

The product contains no materials that are workplace related, which require special supervision.

**Additional information about design of technical systems:**

**Control methods:** Do not open quickly.

**Personal protection:-**

**Eye protection:** Avoid direct contact with eyes, wear protective goggles.

**Body Protection:** After contact with skin wash thoroughly with water





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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Milk like liquid
Colour:	White
Odour:	slight ammonia
pH:	11.3
Boiling point:	-
Melting point:	-
Flash point:	N/A
Flammability:	N/A
Autoflammability:	-
Explosive properties:	-
Oxidising properties:	-
Vapour pressure:	2kPa (20°C)
Relative density:	1.17 g/cm <sup>3</sup>
Solubility:	Readily soluble in water
Partition coefficient:	-
Other data:	-

## 10. STABILITY AND REACTIVITY

**Conditions to avoid:** Store as recommended within storage and handling guidelines (section 7)

**Materials to avoid:** Reaction with acids: evolution of heat.

**Hazardous decomposition products:** None

## 11. TOXICOLOGICAL INFORMATION

OECD Test after 4 hours the product does not cause irritation to skin and is not detrimental to one's health.

## 12. ECOLOGICAL INFORMATION

No negative effects are known.



