



Safety Data Sheet Issue 09/01

Trade Name: **KEIM DILUTION**

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Trade name: **KEIM DILUTION**

Dilutant for Keim Granital, Keim Quarzil, Keim Contact, Keim Biosil Ground and 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.





Safety Data Sheet Issue 09/01

Trade Name: **KEIM DILUTION**

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.

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





Safety Data Sheet Issue 09/01

Trade Name: **KEIM DILUTION**

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Milk like liquid
Colour:	White
Odour:	slight smell of 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:	1.03 g/cm ³
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.



Safety Data Sheet Issue 09/01



Trade Name: **KEIM DILUTION**

13. DISPOSAL CONSIDERATIONS

Appropriate methods of disposal:

Product:

Avoid contamination of sewage systems, watercourses or the environment. Collect waste and disposal in closed containers and dispose of to the local waste disposal plant. If risk of waste or leaks, leak-proof reception facilities are recommended. Disposal of this product should be done under consultation with appropriate regulatory agencies before discharging of waste material.

Packaging: Dispose in accordance with current local/national regulations.

Recommended cleaning agent: Water

14. TRANSPORT INFORMATION

Non hazardous

15. REGULATORY INFORMATION

Provisions from the EC: The product has been classified non hazardous.

Particular labelling requirements for certain preparations: None.

National regulations: None

16. OTHER INFORMATION

Training advice: No requirements for special training.

Recommended uses and restrictions: Dilutant for Keim Granital, Keim Quarzil, Keim Contact, Keim Biosil Ground and undiluted as primer for brittle surface.

Sources of key data used to compile this data sheet: The information contained in this Safety Data Sheet is intended to assist in use of the above product without the risk to safety or health and is based on current knowledge and experience. The data does not signify any warranty with regard to the product's properties.

