



SAFETY DATA SHEET

Kistal 8 / Kistal 9 / Kistal 9A

1 IDENTIFICATION OF THE SUBSTANCE/PREPERATION AND OF THE COMPANY UNDERTAKING

PRODUCT NAME Kistal 8 / Kistal 9 / Kistal 9A
APPLICATION Waterproofing and Protection of Concrete
SUPPLIER Kensetsu International (S) Pte Ltd
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2 HAZARDS IDENTIFICATION

CLASSIFICATION IN ACCORDANCE with GHS (5th Edition)

Skin Irrt 2: H315 Causes skin irritation
Eye Dam. 1: H318 Causes serious eye damage
Skin Sens. 1: H317 May cause an allergic skin reaction
STOT SE3: H335 May cause respiration irritation
STOT SE2: H373 May cause damage to respiratory organs through prolonged or repeated exposure

LABEL IN ACCORDANCE WITH GHS (5th Edition)



PRECAUTIONARY STATEMENT

HAZARD STATEMENTS:

DANGER

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Cause serious eye damage.
H335 May cause respiratory irritation.
H373 May cause damage to respiratory organs through prolonged or repeated exposure.

PRECAUTIONARY STATEMENTS

P280 Wear protective gloves/protective clothing/ eye protection/ face Protection and approved duct mask.
P260 Do not breathe dust.
P264 Wash thoroughly after handling.

RESPONSIVE PRECAUTIONARY STATEMENTS

P260 Do not breathe dust.
P264 Wash thoroughly after handling.
P280 Wear protective gloves/protective clothing/ eye protection/ face Protection and approved duct mask.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
P310 Immediately call POSIN CENTRE or doctor / physician.
P313 Get medical advice/attention.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.



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3 COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	%	CAS. No.	Classification According to GHS (5 th Edition)
Portland Cement	35 – 60%	65997-15-1	Skin Irrit. 2: H315 Skin Sens. 1: H317 Eye Dam. 1: H318 STOT SE 3: H335
Alkaline Earth Compounds	5 – 20%	1305-62-0	Skin Irrit. 2: H315 Eye Dam. 1: H318 STOT SE 3: H335
Silica Sand	30 – 40%	14808-60-7	STOT RE 2: H373

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16.

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION

DO NOT induce vomiting. Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Get medical attention if symptoms occur.

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water.

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. Irritation persists: seek medical attention and bring along these instructions.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use an extinguishing agent suitable for surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES

Keep run-off water out of sewers and water sources. Dike for water control.

PROTECTIVE MEASURES IN FIRE

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.



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6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENT PRECAUTIONS

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environment Agency or other appropriate regulatory body. Avoid discharge into drains, water courses or into the ground.

SPILL CLEAN UP METHODS

Collect spillage with shovel, broom or the like and reuse, if possible. Avoid generation and spreading of dust. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Put on appropriate personal protective equipment (See Section 8).

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well ventilated place. Keep away from food, drink and animal feeding stuffs.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS

P260 Do not breathe dust.
P401 Store in original containers.

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

RESPIRATORY EQUIPMENT

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

HAND PROTECTION

Protective gloves are recommended.



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EYE PROTECTION

Wear approved safety goggles.

HYGIENE MEASURES

Wash hands at the end of each work shift and before eating, smoking and using the toilet.

SKIN PROTECTION

Wear apron or protective clothing in case of contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Grey Powder
ODOUR	None
pH	pH9.1 – 9.8 (EPA method 2 parts water to 1 part power by volume weight)
WATER SOLUBILITY	Powder forms slurry with water, hardens over time
FLASH POINT (CLOSED, °C)	Not Applicable
SPECIFIED GRAVITY	2.0 to 2.8

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Water, moisture.

MATERIALS TO AVOID

Strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 TOXICOLOGICAL INFORMATION

INHALATION

May cause damage to mucous membranes in nose, throat, lungs and bronchial system.

INGESTION

May cause discomfort if swallowed.

SKIN CONTACT

Prolonged and frequent contact may cause redness and irritation.

EYE CONTACT

Risk of serious damage to eyes. Contact with concentrated chemical may very rapidly cause severe eye damage, possibly loss of sight.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

No data on possible environmental effects have been found.



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BIOACCUMULATION

No data available on bioaccumulation.

DEGRADABILITY

No data available on bioaccumulation.

13 DISPOSAL CONSIDERATION

GENERAL INFORMATION

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

DISPOSAL METHODS

Disposal of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

GENERAL

The product is not covered by international regulation on the transport of Dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

ENVIRONMENTALLY HAZARDOUS

No

15 REGULATORY INFORMATION

UK REGULATORY REFERENCES

No known specific national and/or regional regulations applicable to this product (Including its ingredients).

ENVIRONMENTAL LISTING

No known specific national and/or regional regulations applicable to this product (Including its ingredients).

EU DIRECTIVES

Not Classified.

16 OTHER INFORMATION

REVISION DATE

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REV. NO. SDS-K8,9,9A-V1

DATE 27/06/2017

DISCLAIMER

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. KENSETSU INTERNATIONAL (S) PTE LTD shall not be held liable for any damage resulting from contact with or handling of the above products.