



SAFETY DATA SHEET

KisGel P1

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

PRODUCT NAME KisGel P1
APPLICATION Polyurethane Injection Grade Adhesives/Grouting Material
SUPPLIER Kensetsu International (S) Pte Ltd
No.7 Mandai Link #09-24
Mandai Connection
Singapore 728653
sales@kst-grp.com
CONTACT TELEPHONE Phone: (65) 6255 6855 (not in use for 24hours)
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2 HAZARDS IDENTIFICATION

CLASSIFICATION (1999/45) Xn;R20, R48/20. Carc. Cat. 3;R40. R42/43. Xi;R36/37/38.

CLASSIFICATION (EC 1272/2008)

Physical and Chemical Hazards Not classified.
Human Health Acute Tox. 4 - H332; Skin Irrit. 2 - H315; Eye Irrit. 2 - H319; Resp. Sens. 1 – H335
Environment Not classified.

LABEL IN ACCORDANCE with (EC) no. 1272/2008



SIGNAL WORD Danger

CONTAINS DIPHENYLMETHANE-4,4'-DI-ISOCYANATE
DIPHENYLMETHANEDIISOCYANATE -Isomers & homologues

HAZARD STATEMENTS:
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 May cause respiratory irritation.
H351 Suspected of causing cancer.
H373 May cause damage to organs through prolonged or repeated exposure.



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SUPPLEMENTARY	P272	Contaminated work clothing should not be allowed out of the workplace.
PRECAUTIONARY STATEMENTS	P261	Avoid breathing vapour / spray.
	P264	Wash contaminated skin thoroughly after handling
	P321	Specific treatment (See medical advice on this label)
	P302+352	IF ON SKIN: Wash with plenty of soap and water.
	P332+313	If skin irritation occurs, get medical advice/ attention.
	P333+313	If skin irritation or rash occurs, get medical advice/ attention.
	P337	If eye irritation persists:
	P362	Take off contaminated clothing and wash before use.
	P363	Wash contaminated clothing before use.
	P391	Collect spillage
SUPPLEMENTAL LABEL INFORMATION (EU)	EUH 205	Contains epoxy constituents. May produce an allergic reaction.

3 COMPOSITION/INFORMATION ON INGREDIENTS

AMORPHOUS SILICA	
CAS-No: 7631-86-9	EC No.: 231-545-4
Classification (EC 1272/2008) Eye Irrit. 2-H319 STOT SE 3 – H335	Classification (67/548/EEC) Xi;R36/37
BISPHENOLF TYPE EXPOXY RESIN	
CAS-No: 28064-14-4	EC No.:
Classification (EC 1272/2008) Skin Irrit.2 – H315 Eye Irrit. 2-H319 Skin Sens. 1 – H317 Aquatic Chronic 2 – H411	Classification (67/548/EEC) Xi;R36/38 N;R51/53 R43
EXPOXY RESIN (Number average MW <= 700	
CAS-No.: 25068-38-6	EC No.:
Classification (EC 1272/2008) Skin Irrit. 2 – H315 Eye Irrit. 2-H319 Skin Sens. 1 – H317 Aquatic Chronic 2 – H411	Classification (67/548/EEC) R43 Xi;R36/38 N;R51/53
OXIRANE, MONO [(C-12-14-ALKYLOXY) METHYL] DERIVS	
CAS-No.: 68609-97-2	EC No.:
Classification (EC 1272/2008) Skin Irrit. 2 – H315 Eye Sens. 1 – H317	Classification (67/548/EEC) R43 Xi;R38

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



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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. Get medical attention immediately.

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. If irritation persists: seek medical attention and bring along these instructions.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Water spray, foam, dry powder or carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES

Avoid water in straight hose stream; will scatter and spread fire.

SPECIFIC HAZARDS

In case of fire, toxic gases may be formed.

PROTECTIVE MEASURES IN FIRE

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

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Do not smoke, use open fire or other sources of ignition.

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 onto the ground.

SPILL CLEAN UP METHODS

Absorb with sand or other inert absorbent. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Keep away from heat, sparks and open flame.

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.

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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

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

RESPIRATORY EQUIPMENT

In case of inadequate ventilation use suitable respirator.

HANDS PROTECTION

Protective gloves are recommended.

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 PROTECTOR

Wear apron or protective clothing in case of contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Brownish liquid
RELATIVE DENSITY	1.10 – 1.20

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition.

MATERIALS TO AVOID

Strong acids. Strong oxidising substances. Amines. Bases, alkalis (inorganic). Bases, alkalis (organic)

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.



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11 TOXICOLOGICAL INFORMATION

INHALATION

Irritating to respiratory systems.

SKIN CONTACT

Irritating to skin.

EYE CONTACT

Irritating to eyes.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

No data on possible environmental effects have been found.

BIOACCUMULATION

No data available on bioaccumulation.

DEGRADABILITY

The product is not readily biodegradable.

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

PROPER SHIPPING NAME	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
UN NO. ROAD	3082
ADR CLASS NO.	9
ADR CLASS	Class 9: Miscellaneous dangerous substances and articles.
ADR PACK GROUP	III
TUNNEL RESTRICTION CODE	(E)
HAZARD NO. (ADR)	90
ADR LABEL NO.	9
HAZCHEM CODE	3Z
UN NO. SEA	3082
IMDG CLASS	9
IMDG PACK GR.	III
EMS	F-A, S-F
UN NO. AIR	3082
AIR CLASS	9
AIR PACK GR.	III



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15 REGULATORY INFORMATION

UK REGULATORY REFERENCES

Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

ENVIRONMENT LISTING

Control of Pollution Act 1974. Rivers (Prevention of Pollution) Act 1961.

EU DIRECTIVES

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

STATUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health.

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classified and Labelling of Substances and Preparations Dangerous for Supply. GUIDANCE NOTES
CHIP for everyone HSG (108)

16 REGULATORY INFORMATION

REVISION DATE

REV. NO. SDS-P1-V1

DATE 27/06/2016

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.