



SAFETY DATA SHEET

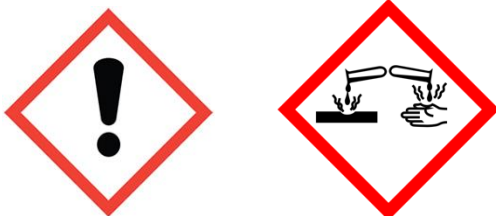
KisGel Acrylite (Part A2)

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

PRODUCT NAME KisGel Acrylite (Part A2)
APPLICATION **Acrylate Gel For Grout Injection**
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

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



SIGNAL WORD Danger

HAZARD STATEMENTS

H302+312 Harmful if swallowed or in contact with skin
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.

PRECAUTIONARY STATEMENTS

P260 Do not breathe dust/mist.
P280 Wear protective gloves/protective clothing/eye protection/ face protection.

RESPONSE

P301+310 IF SWALLOWED: Immediately call a POSION CENTER/doctor
P303+361+353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

DISPOSAL

P501 Dispose of contents/container to local waste disposal company

3 COMPOSITION/INFORMATION ON INGREDIENTS

Active Ingredients		
Chemical	CAS NO.	Weight %
2-dimethylaminoethyl methacrylate	2867-47-2	>95



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4 FIRST-AID MEASURES

GENERAL INFORMATION

Remove all contaminated soaked clothing immediately.

INHALATION

Remove person immediately from source of exposure and keep immobile. General first aid, rest, warmth and fresh air. Get medical attention if discomfort continues.

INGESTION

Do not induce vomiting. Get medical attention, immediately rinse mouth and provide fresh air.

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if discomfort continues.

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

Extinguish with alcohol-resistant foam, dry powder, carbon dioxide.

SPECIAL HAZARDS

in the event of fire, the following can be released:

Nitrogen gases (NO_x)
Carbon monoxide (CO)
Carbon dioxide (CO₂)

SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours.

PROTECTIVE MEASURES IN FIRE

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

ADDITIONAL INFORMATION

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

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. Ensure adequate ventilation.

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.



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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

Ensure thorough room ventilation, do not inhale vapours and avoid contact with eyes and skin. Read and follow manufacturer's recommendation .

HYGIENE MEASURES

Do not eat, drink or smoke. Remove soaked clothing immediately.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place away from water, iron and heat or direct solar radiation. Keep away from food, drink and animal feedings.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

Provide eyewash station.

ENGINEERING MEASURES

Well-ventilated area.

RESPIRATORY EQUIPMENT

In case of inadequate ventilation use suitable respirator or when used in high concentrations

HANDS PROTECTION

Use suitable protective gloves if risk of skin contact. Synthetic rubber gloves are recommended.

EYE PROTECTION

Wear approved safety goggles.

HYGIENE MEASURES

Wash hands after handling. When using, do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid
COLOUR	Colourless
ODOUR	Similar to amine
FLASH POINT	68°C
BOILING POINT	187°C
IGNITION TEMP	200°C



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RELATIVE DENSITY 0.93g/cm³ @ 20°C
VISCOSITY 3.5 mPa*s @ 20°C

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Can polymerise exothermically if heated >30°C, exposed to air, sunlight or by addition of free radical initiators.

MATERIALS TO AVOID

Reactions with strong oxidising agents. Reactions with reducing agents. Reactions with peroxides and other radical components.

HAZARDOUS DECOMPOSITION PRODUCTS

None under normal conditions.

ADDITIONAL INFORMATION

Unstable product may polymerise spontaneously

11 TOXICOLOGICAL INFORMATION

ACUTE TOXICITY/IRRITATION/SENSITISATION

	Value/Validation	Species	Method	Remark
LD50 acute oral	>2000 mg/kg	Rat	OECD 401	
LD50 acute dermal	>2000 mg/kg	Rat	OECD 402	
LD50 acute inhalation	Not determined			
Skin irritation	Corrosive	Rabbit	Fed. Reg. 29- FR13009, 1964	24 h
Eye irritation	Corrosive	Rabbit eye	Fed. Reg. 29- FR13009, 1964	2 h
Skin sensitisation	Sensitisation due to skin contact cannot be ruled out	Guinea pig	OECD 406	
Sensitisation respiratory system	Non-sensitising	Guinea pig	OECD 406	

12 ECOLOGICAL INFORMATION

ECOTOXICITY

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

BIOACCUMULATION

No data available on bioaccumulation.



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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

	ADR/RID	IMDG	IATA-DGR
UN number	2522	2522	2522
UN proper shipping name	2-DIMETHYLAMINOETHYL METHACRYLATE	2-DIMETHYLAMINOETHYL METHACRYLATE	2-DIMETHYLAMINOETHYL METHACRYLATE
Transport hazard class(es)	6.1	6.1	6.1
Packing group	II	II	II
Environmental hazards	No	No	No

Land and inland navigation transport ADR/RID

Hazard label(s)	6.1
Tunnel restriction code	E
Classification code	T1

15 REGULATORY INFORMATION

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

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

16 REGULATORY INFORMATION

General information **Only trained personnel should use this material**

REVISION DATE -

REV. NO. SDS-ACRYLITE- PA2 V3

DATE 31/12/2022

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.