

AT-623 UNIVERSAL GRADE ACETIC SILICONE SEALANT

SAFETY DATA SHEET

Ver.01 | Aug 2025

1. PRODUCT & COMPANY IDENTIFICATION

Product Details

Product name: AT-623 Universal Grade Acetic Silicone Sealant
Physical form: Paste
Odour: Vinegar Odour
CAS No.: Mixture

Company Details

Manufacturer: Atoma PLT
Address: PT139280 (LOT 1953),
JALAN SUNGAI PELUBUNG 32/149 SEKSYEN 32,
40460 SHAH ALAM,
SELANGOR
Tel: +603 5124 0876

2. HAZARDS IDENTIFICATION

Hazard Pictogram



Signal Word: Warning

Classification

Skin corrosion or irritation	Category 2
Serious eye damage or eye irritation	Category 2

Hazard Statement

H315 - Causes skin irritation.
H319 - Causes serious eye irritation

Precautionary Statement – Prevention

P264 - Wash thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statement – Response

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
P332 + P313 - If skin irritation occurs: Get medical advice/attention.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

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Ver.01 | Aug 2025

contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists: Get medical advice/attention.

3. COMPOSITION / HAZARDOUS COMPONENTS

<u>Chemical Name</u>	<u>CAS No.</u>	<u>WT%</u>
Silicone polymer	70131-67-8	60 – 70 %
Petroleum Distillates	64742-48-9	5 – 30 %
Treated Fume Silica	68611-44-9	5 – 15 %
Methyltriacetoxysilane	4253-34-3	< 5 %

4. FIRST-AID MEASURES

Take off all contaminated clothing immediately.

In case of ingestion:

Seek medical advice immediately.

In case of skin contact:

Wipe with paper towel and immediately clean with water and soap.

In case of eyes contact:

Immediately flush with water, seek medical advice if necessary.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:

All standard fire-fighting media.

Unsuitable extinguishing media:

Unknown

Hazardous decomposition:

Carbon dioxide, carbon monoxide, silicone dioxide, acetic acid, formaldehyde.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up:

Take up mechanically.

7. HANDLING AND STORAGE

Handling:

Avoid contact with eyes and skin. Ensure good ventilation during processing. Wear safety shoes.

Protection against fire/ explosion:

General rules of fire prevention should be observed.

Storage:

Keep container tightly closed and dry.

Cautions:

Extreme heavy in drum form if product packed in 200L drum.

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SAFETY DATA SHEET

Ver.01 | Aug 2025

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Ingredients with limited values to be controlled:	Not indicated.
Local exhaust:	Recommended
General ventilation:	Recommended
Hand protection:	Suitable protective gloves.
Eye protection:	Safety/ protective glasses.
Flammability:	Combustible

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Paste
Specific gravity:	0.97 ± 0.05
Colour:	Clear and pigmented
Viscosity:	Not indicated.
Odour:	Acetic vinegar
Volatile, % volume (25°C):	< 30 %
Solubility in water:	Insoluble
Boiling point:	Non known
Flash point:	Non known
Ignition temperature:	Non known

Note: the above information is not intended for use in preparing specification.

10. STABILITY AND REACTIVITY

Chemical stability:	Stable
Incompatibility (material to be avoid):	Water
Conditions to be avoid:	High temperature.
Dangerous reactions:	None known.
Dangerous products of decomposition:	Carbon dioxide, carbon monoxide, silicone dioxide, acetic acid, formaldehyde.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Not determined
Primary irritant effect,	
On the skin:	Irritant for skin and mucous membranes
On the eye:	Irritant effect



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Sensitisation:
Additional Toxicological
information:

Sensitization possible by inhalation When used
and handled according to specification, the
product does not have any harmful effects
according to our experience and the information
provided to us.

12. ECOLOGICAL INFORMATION

Complete information not yet available.

13. DISPOSAL CONSIDERATIONS

Dispose the waste matters and contaminated packaging following law, rules and regulations.
Dispose to an authorised waste collection point.
Do not cast waste (waste fluid, solid waste and washing drainage etc.) that includes this
product directly into a river, or bury it underground.

14. TRANSPORT INFORMATION

Dangerous Goods by Road (ADR):

Proper Shipping Name:	Not regulated
Hazard class or division:	Not regulated
Identification number:	Not regulated
Packaging group:	Not regulated

International Air Transportation (ICAO/IATA):

Proper Shipping Name:	Not regulated
Hazard class or division:	Not regulated
Identification number:	Not regulated
Packaging group:	Not regulated

Water Transportation (IMO/IMDG):

Proper Shipping Name:	Not regulated
Hazard class or division:	Not regulated
Identification number:	Not regulated
Packaging group:	Not regulated

Not dangerous goods under the transport regulation.



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SAFETY DATA SHEET

Ver.01 | Aug 2025

15. REGULATORY INFORMATION

Labeling (EC): This product is not subject to the labeling requirements.

16. OTHER INFORMATION

These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use and determine whether they are appropriate.