

SAFETY DATA SHEET

PART No. PG14T

1. IDENTIFICATION OF THE PRODUCT

PRODUCT NAME: SILICONE SEALANT (CATRIDGE) 5x310ml

Company Autogem Invicta Limited
 Unit 6 Space Business Park
 Abbey Road
 London
 Middlesex
 NW10 7SU
 England
sales@autogem.co.uk
www.autogem.co.uk

Telephone +44 (0)208 838 0910

Fax +44 (0)208 838 1854

2. COMPOSITION/INFORMATION ON INGREDIENTS

Composition: Acetoxy RTV Silicone.

Hazardous Ingredients:

| Component Name | %Wt | Cas No | EC No | Symbol;Rphrase |
|------------------------|-----|-------------|-------|----------------|
| Triacetoxyethylsilane | <5 | 017689-77-9 | | C:R34 |
| Acetic acid | <5 | 64-19-7 | | C:R34 |
| Methyltriacetoxysilane | <1 | 004253-34-3 | | C:R34 |

3. HAZARDS IDENTIFICATION

IRRITATING TO EYES, SKIN AND RESPIRATORY SYSTEM IN UNCURED STATE.

Avoid contact with skin and eyes.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable gloves.

4. FIRST AID MEASURES

Eyes: Irrigate thoroughly with water for at least 15 minutes. Take care not to wash chemical from one eye to another. Seek immediate medical attention.

Skin: Remove contaminated clothing. Remove excess product with a dry cloth before washing with soap/cleanser and rinse with plenty of water. If irritation persists seek medical attention.

Inhalation: Remove to fresh air. Keep warm and at rest. If effects persist seek medical attention.

Ingestion: Give plenty of water to drink. Do not induce vomiting. Seek medical attention.

5. FIRE FIGHTING MEASURES

- Extinguishing Media:** Use all standard fire fighting media i.e. foam, dry powder, carbon dioxide or water jet or fog.
- Hazardous Decomposition:** Toxic fumes are produced in fire – CO, CO₂.
- Special Procedures:** Do not breathe decomposition products or fumes. Use approved self-container breathing apparatus and wear fire retardant clothing and eye protection.

6. ACCIDENTAL RELEASE MEASURES

Prevent entry to drains or water courses.

- Exposure Controls:** Ventilate area and evacuate all personnel.
- Personal Protection:** Wear suitable respiratory protection for large spillages in confined spaces.
Wear polythene gloves.
Wear chemical resistant overalls and footwear.
Use eye protection, such as goggles to BS EN 166 chemical grade.
- Spills:** Soak up with absorbent granules, sand, earth or other absorbent material.
Transfer to a container for disposal. Avoid breathing vapour and contact with skin, eyes or clothing. Wash floor area with detergent and water to reduce slip hazard.
- Disposal of spillage:** Dispose of via an authorized/licensed waste disposal contractor.
Disposal in the UK must be in accordance with the Environmental Protection Act (1990).

7. HANDLING AND STORAGE

- Handling:** Avoid contact with eyes and skin. Use in a well ventilated area.
If handling large quantities wear suitable protective clothing and footwear.
- Storage:** Store in original unopened containers in a cool dry, well ventilated area.
Do not expose to direct sunlight or in conditions above 30°C.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

- Limit:** OES for acetic acid is 5ppm (25mg/m³) 8hr TWA and 10ppm (50mg/m³) 15min STEL (EH40/2002).
Wear polythene or neoprene gloves.
Wear suitable overalls or apron if usage is large and change if contaminated.
Wear suitable eye protection, such as BS EN 166.
Use in well ventilated areas – use mechanical ventilation if exposed for long periods.
If excessive inhalation in a poorly ventilated area is likely then use a respirator with filter type A.
After contact with skin wash off immediately.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|------------------------------------|----------------------------|----------------------------|---------------------------------|
| Appearance: | Viscous paste | Flash Point: | >100oC (COC) |
| Vapour Density: | Not established | Solubility: | Insoluble in water. Miscible in |
| Colour: | Clear, white, Grey & Black | Flammability: | Non-Flammable organic |
| Density(kg/cm³): | 1.04 (kg/ltr) | | solvents i.e toluene |
| Odour: | Acetic acid pH: N/A | Auto ignition temp: | >250oC10. |

10. STABILITY AND REACTIVITY

| | |
|--|--|
| Stability : | Stable under normal conditions. |
| Materials to Avoid: | Avoid strong oxidising agents. |
| Conditions to Avoid: | Elevated temperatures and direct sunlight. |
| Hazardous decomposition Products: | Combustion produces CO, CO ₂ . |

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

| | |
|--------------------|---|
| Oral: | Expected to be low – LD50 (rat) is likely to be in the range 20 000 to 25 000mg/kg. |
| Inhalation: | Expected to be low. |
| Skin: | Expected to be very low. |

Corrosivity:

| | |
|---------------------------|--|
| Irritation: | Eyes – Causes irritation and profuse eye watering. |
| Skin: | Irritation and redness at site of contact. |
| Respiratory tract: | Mild irritation of nose and throat. |
| Sensitisation: | Skin sensitisation possible. |

General toxicological information (i.e.Mutagenicity / Carcinogenicity)

After cross-linking and removal of volatile content the product is not mutagenic, carcinogenic or teratogenic and is not hazardous to humans or the ecology.

12. ECOLOGICAL INFORMATION

Not classified as Dangerous for the Environment by the Conventional Method as detailed in Schedule 3, Parts I and III of CHIPS3 regulations.

| | |
|-----------------------------------|---|
| Ecotoxicity: | Considered to be very low. |
| Bioaccumulative potential: | Not known. |
| Persistence: | Considered to be non – biodegradable. |
| Mobility: | Considered to be low due to low water solubility. |

13. DISPOSAL CONSIDERATIONS

Do not discharge into drains or watercourses.

Dispose of via an authorized/licensed waste disposal contractor in accordance with special waste regulations 1996.

Clean containers can be disposed of by landfill or incineration or possibly recycled.

14. TRANSPORT INFORMATION

Not classified as hazardous for transport.

15. REGULATORY INFORMATION

Label for Supply: This product is not subject to the labeling requirements of EC Directives 67/548/EEC and 88/379/EC as amended.

Label Phrases: N/A

Risk Phrase: N/A

Safety Phrases: S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37 Wear suitable gloves.

Other Regulations: **Health & Safety at work etc. Act 1974**
Control of Substances Hazardous to Health Regulations 1994
Environmental Protection Act 1990
EH40/ series – Occupational Exposure Limits
COSHH Essentials
Special Waste Regulations 1996

16. OTHER INFORMATION

Risk phrases referred to in section 2:

R34: Causes burns

This Safety Data Sheet is compiled with reference to The Chemicals (Hazard Information and Packaging for Supply) Regulations 1994 (CHIP2), which implement the Council Directives 67/548/EEC (The Dangerous Substances Directive) and 88/379/EEC (The Dangerous Preparations Directive), and subsequent amending regulations, up to and including The Chemicals (Hazard Information and Packaging Supply) Regulations 2000 (CHIP2000), which implements the 26th ATP of 67/548.EEC. The information provided on this Material Safety Data Sheet is correct, to the best of our knowledge, at the date of its publication. It provides no warranties, whether expressed or implied, and neither Autogem nor any of its agents accept responsibility for the accuracy or completeness of the data contained herein, and shall not be held liable for any loss, injury or damage whatsoever resulting from using, handling or contact.