



HENKEL SOLUTIONS FOR AUTOMOTIVE ELECTRONICS

LOCTITE® SI 5972FC

1k alkoxy Form-In-Place-Gasket for automotive electronics sealing applications



Features & Benefits

- **1k alkoxy** fast curing RTV silicone.
- Wide operating temperature window of **-40 to 150°C** for auto electronics applications
- **Excellent adhesion** to various substrates including aluminum, glass filled plastic
- **Non-corrosive** outgassing
- Low volatility (**D4-D10 <0.1%**)



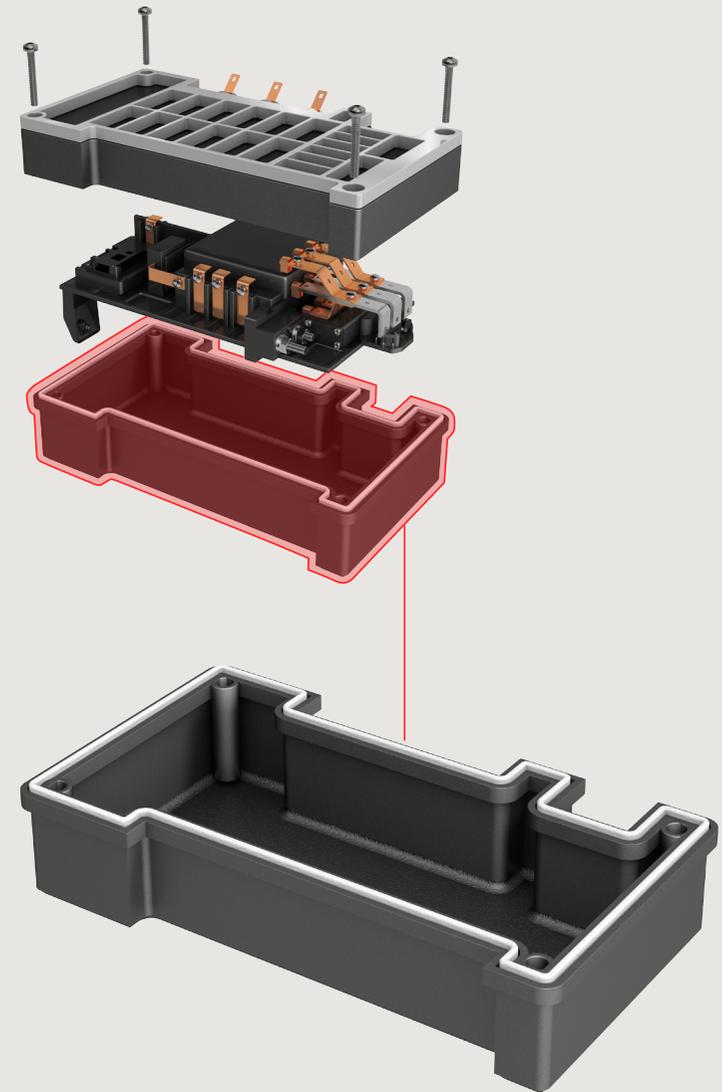
Sustainability Value

- **Tin-free** Catalyst.
- **REACH** Compliant
- Faster cure without ovens **reducing power** consumption
- Passes **inline leak** test **reducing** additional **floor space** needed for staging/racking of parts.

Leverage Henkel's broad technology portfolio and application know-how to strengthen your automotive electronics applications.



Henkel Adhesive Technologies





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Product Properties

| | |
|---|----------------------------------|
| Technology | Form-In-Place Gasketing |
| Chemical Type | Alkoxy Cure RTV Silicone |
| Operating Temperature | -40 to 150°C |
| Skin Over Time (tack free) | 10-18 min |
| Depth of Cure | 4.0 mm |
| Volatility | <0.1% D4-D10 |
| Shore Hardness, ASTM D2240, 30 sec delay, Shore A | 40-55 |
| Elongation | >200% |
| Lap Shear (AIClad 2024 T3) | >2.0 MPa (100% cohesive failure) |
| Color | White |
| Flammability, UL 94 | V0 |

* For more guidelines on best dispensing practices, please contact Henkel's Application Engineering Team

AREAS OF APPLICATIONS

- Electric Control Units (ECU)
- Battery Disconnect Unit (BDU)
- Electrical Power Steering (EPS) Power Packs
- Mechatronic Systems
- ADAS (Radar) Components



AVAILABLE CONFIGURATIONS

- 300ML Cartridge
- 5 Gallon Pail
- 258KG Barrel

Reach out to our experts to partner up for automotive electronics in automotive and industrial electronics.

CONTACT US TO LEARN MORE

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