



**Kisling**

Adhesives have become an integral part of the production process of cars. Without the use of specialized adhesives and sealants, it would not be possible to meet the environmental, safety-related and process-related requirements.

Kisling offers a variety of adhesives and sealants for a wide range of applications in the automotive industry. We are looking forward to supporting you with your project realisation.

# Excellence in Adhesive, Sealant and Encapsulant Manufacturing

## YOUR BENEFITS

- + Process consulting and on-site support
- + Customised product development
- + Label free products
- + CMR free products
- + Odorless acrylates
- + Direct supply

## OUR MARKETS

- + Lightweight / Composites
- + E-Mobility / Electric Motors
- + Electronics
- + Fluid Technology
- + Bus, Truck & Rail (BTR)/ Automotive
- + Loudspeaker
- + Maintenance, Repair & Overhaul (MRO)

## OUR PRODUCT RANGE

- + Adhesives and sealants:
  - (Meth)Acrylic structural adhesives
  - Epoxy structural adhesives
  - Anaerobic adhesives
  - Cyanacrylate instant adhesives
  - Silicones
- + Encapsulants:
  - Polyurethane
  - Epoxy

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# Adhesives for Automotive Applications



**BONDING +  
SEALING +  
ENCAPSULATION**

**Kisling**

MEMBER OF THE WÜRTH GROUP

BONDING + SEALING + ENCAPSULATION  
AUTOMOTIVE

# Application Areas, Key Products & Success Stories

## Application Areas & Key Products



Exterior Applications



Interior Applications



Sealing and Securing



Instant Bonding

### EPOXY

**7430**  
grey, high viscosity, high strength, EN45545-2 certified

**7440**  
black, pasty, high temperature resistance, EN45545-2 certified

**7490**  
black, pasty, high temperature resistance, impact resistant, EN45545-2 certified

### ACRYLATE

**1665**  
non-sag, fast curing, high elongation at break

**1675**  
non-sag, fast strength build-up, low odour, EN45545-2 certified

**1451/1093**  
no-mix, high viscosity, water, temperature and impact resistant

### ANAEROBIC

**4115**  
high viscosity, high temperature resistance, high strength

**4451**  
fast curing, high strength, NSF certified

### CYANOACRYLATE

**5880**  
black, medium viscosity, water, temperature and impact resistant

## Success Stories & Customer Benefits



**Project:** Bonding of galvanised core plugs into aluminium housing

**Product:** 4451

**Benefit:** Automated quality control through fluorescent adhesive under UV light



**Project:** Rubber gasket in sliding roof

**Product:** 5880

**Benefit:** Very fast curing time and very good processing viscosity



**Project:** Stabiliser in rear spoiler (PC-PC bonding)

**Product:** 1675

**Benefit:** Low odour adhesive during processing



**Project:** Bonding of thread in hinge

**Product:** 4115

**Benefit:** E-coating resistance of adhesive, no outflow after mounting process



**Project:** Reinforcing engine bonnet (CFRP-CFRP)

**Product:** 7440

**Benefit:** Increased temperature resistance of 50%

### KISLING

+ Manufacturer of adhesives, sealants and encapsulants

+ > 50 employees worldwide

+ > 40 distributors in more than 25 countries

+ Revenue 2020: 20 Mio. CHF

+ > 200 products

+ Swiss-made