



# AUTO CHEMICALS

## PETROL INJECTION CLEANER

### For cleaning the injection system

#### Cleaning action

- Removes resinous and paint-like deposits in the micro range on injection valves and on the fuel distributor
- Ensures precise controlling of injection valves
- Less fuel is used thanks to precise fuel injection
- Binds and neutralises acidic condensation water
- Protects against corrosion

#### Details/Application

- In case of increased fuel consumption due to poor fuel injection
- Can be used for preventative maintenance at every inspection
- For all petrol injection engines with and without a catalytic converter
- In case of rough engine running

#### Instructions

150 ml is sufficient for 25–30 litres and 300 ml for 50–60 litres of fuel.

Empty the contents of the can into the fuel tank



Technical Data	
Chemical basis	Naphtha
Colour	Colourless
Smell/fragrance	Solvent-like
Shelf life from production	24 Month

**ENGINE OIL TREATMENT 300ML**

**Protection for all petrol and diesel engines**

**Extends the service life of the engine**

- Protects against valves burning out
- Loosens deposits on resin-coated piston rings
- Removes oil sludge and unblocks clogged oil ducts
- Neutralises aggressive combustion acids
- Supplements used up engine oil ingredients
- Minimises friction resistance
- Suitable for oil diluted with biofuels
- Corresponds to latest API engine oil standards

**Details/Application**

Add the contents of the can to the engine oil each time the engine is repaired, or the oil is changed. In addition, the engine oil performance improver can be added when diagnosing engine oil.

**Instructions**

300 ml are sufficient for 4.5 litres of engine oil. 1. 000 ml are sufficient for 10 litres of engine oil.  
Ideal dosage: 10%. Reduce clean oil according to the oil level.



Technical Data	
Chemical basis	Hydrocarbon
Colour	Green
Smell/fragrance	Oily
Shelf life from production	24 Month

## ENGINE FLUSH AND CLEANER-400ML

**Cleans the inside of the engine and the oil supply system.  
Engines cleaned of dirt can now operate at their  
full performance level together with the clean oil.**

- Quick and gentle cleaning process
- Does not damage seals
- Optimises exhaust gas emissions
- Compatible with catalytic converters
- Loosens jammed piston rings
- Easy to use

### Details/Application

Suitable for all mineral and synthetic-based engine oils. Suitable for petrol and diesel engines. Caution: Not suitable for use in motorcycles with oil bath clutch that share a joint oil circuit.

### Instructions

Add the engine interior cleaner to the oil when the engine is at operating temperature. Let the engine idle for approximately 10 minutes. Then change the oil and filter.

### Notice

Not suitable for use in motorcycles with oil bath clutch that share a joint oil circuit.



Technical Data	
Chemical basis	Combination of additives
Colour	Brown
Smell/fragrance	Characteristic
Shelf life from production	60 Month

## PETROL-TREATMENT-300ML

**For all petrol engines with and without a catalytic converter**

### Cleans the fuel system

Reduces fuel consumption thanks to exact fuel preparation

### Suitable for E10

- Protects from water occurring in fuel tank due to the hygroscopic property of E10 fuel.
- Prevents corrosion.
- Cleans deposits in the fuel system

### Optimum combustion

Reduces the formation of harmful exhaust gases

### Features

Removes paint-type deposits and resins in lines, the gasoline pump, the carburetor, valve tops and valves. Oxidation residue is also removed. Protects against water which arises in the fuel tank as a result of the hygroscopic property of E 10 fuel. Protects against corrosion

### Application

Add contents of can to the fuel tank. The optimum dosing is 150 ml for 35 - 40 liters. 300 ml are sufficient for 70 - 75 liters. The product is self-mixing. Overdosing is not harmful.



Technical Data	
Chemical basis	Hydrocarbon
Colour	Colourless
Smell/fragrance	Solvent-like
Density	0.799 g/cm <sup>3</sup>
Density conditions	at 20°C
Min. flashing point	-10 °C
Shelf life from production	24 Month

## OCTANE BOOSTER PETROL ADDITIVE-300ML

The octane number can be increased by 3-8 points (depending on the original fuel quality). Prevents wear on the valve seats. Protects against engine ringing, knocking and reignition.

- Prevents wear
- Improves vehicle performance
- Clean combustion
- Improves octane number
- Reduces harmful exhaust gases

### Details/Application

With lower-grade fuels, the octane number can be increased by 3-8 points (depending on the original fuel quality). Prevents wear on the valve seats. Protects against engine ringing, knocking and reignition.

### Instructions

The octane booster is added straight into the tank. 300 ml is sufficient for 50-60 litres of fuel.

Technical Data	
Chemical basis	Hydrocarbon
Colour	Brown
Smell/fragrance	Solvent-like
Shelf life from production	24 Month





## RADIATOR CLEANER-250ML

### Suitable for all engines

#### Removes corrosion and sludge deposits in the cooling circuit

Increased operational reliability due to clean cooling system.

#### Neutralises lime residues

New coolant is protected from contamination by old dirt residues

#### Compatible with anti-freeze

#### Alkaline in pH range of 9–11

Compatible with all materials used to build the radiator.

Removes deposits in the cooling circuit and cleans the cooling system of contamination. For instance, oil residues caused by damage to the cylinder heads can be removed.

The radiator cleaner can also be used as a preventative measure every time the coolant is changed.

250 ml is sufficient for 10 litres of cooling water. 1000 ml is

sufficient for 40 litres of cooling water

### Details/Application

For rectifying reduced cooling performance during radiator repairs and maintenance work on the cooling system

### Instructions

Add the contents of the can to the cooling water. Open the heater valves.

Run the engine at operating temperature for approx. 30 minutes. Deposits that have been dislodged by the radiator cleaner must be flushed away with water. The flushing process

can be carried out without removing the thermostat. It is recommended that parts that have been affected by oil ingress, such as the expansion tank and water hoses, be replaced. Refill the cooling system after cleaning, bleed and check for leaks.

### Notice

The cleaner is not suitable for vehicle operation.



Technical Data	
Chemical basis	Water
Colour	Yellow
Smell/fragrance	Mild
Shelf life from production	24 Month

## RADIATOR SEALANT-HP-150ML

**High-performance cooling system protection for all modern vehicle types with crossflow cooling systems**

- Seals leaks up to max. 0.1 mm
- Dirt strainers in the cooling circuit are not impaired
- Preventive use any time the anti-freeze is changed
- Sealing effect due to microfine, synthetic particles
- The content of one can is sufficient for 10 litres of coolant

### Details/Application

Use for micro-leaks in the cylinder head gasket and hose connections as well as evaporation losses in the cooling system units

### Instructions

Add directly to the cooling circuit when the engine is warm. Only add to the expansion tank if coolant flows through the expansion tank. Then let the engine run for at least 10 minutes until the thermostat opens and the heating noticeably emits heat. Then switch off the engine, check the coolant level and top up if necessary



Technical Data	
Chemical basis	Water
Colour	Blue
Smell/fragrance	Characteristic
Shelf life from production	12 Month



## ENGINE SEALING COMPOUND SILICONE SPECIAL 250

**Permanently elastic silicone sealing compounds  
for engine and bodywork, brief temperature  
resistance of 300 °C**

- Cold-vulcanising silicone rubber
- Bridges larger unevenness
- Reliable at sealing, even after withstanding years of vibrations
- Excellent adhesion and chemical resistance
- Does not run or pull threads
- Skin formation after just a few minutes, vulcanisation rate approx. 1.5 mm/day



### Details/Application

For sealing surfaces, gaps and cracks in separating joints, cylinder heads, crank housings, water pumps, coolers, axle tubes, cylinder bases (motorbike), lamp and turn signal housings, welding seams etc

Technical Data	
Colour	Black
Min. skin-formation time	6 min
Max. skin-formation time	12 min
Conditions for skin-formation time	at 23 °C and 50% relative humidity
Elongation at break	300 %
Continuous motion absorption (up to 150 °C)	25 %
Min./max. temperature	resistance -50 to 250 °C
Max. short-term temperature resistance	300 °C
Min./max. processing temperature	5 to 40 °C

## BOND SEAL-KD

Professional-grade, one-component polyurethane adhesive and sealant. It is elastic, moisture-curing, non-sag, and suitable for a wide range of bonding and sealing applications across construction, automotive, marine, and industrial sectors. The product forms a durable, elastic rubber-like joint with excellent resistance to ageing and weathering.

- Bonds and seals simultaneously
- Permanently elastic ( $\pm 25\%$  joint movement)
- Easy application and smooth tooling
- Non-sag formula with high thixotropy
- Excellent resistance to vibration, shocks and impacts
- Good sound and vibration dampening
- Primer less adhesion on most common surfaces

### Application Areas

- Elastic bonding and sealing between dissimilar materials
- Joints in construction (vertical and horizontal)
- Automotive and marine bodywork
- Sealing of gutters and metal roofs
- Replacing rivets and mechanical fasteners
- Assembly applications in manufacturing and fabrication

Technical Data	
Appearance	Non-sag thixotropic paste
Chemical nature	Polyurethane
Curing mechanism	Moisture-curing
Curing through volume	2.3mm/24h at 23°C and 50% RH
Shore A hardness	38 N/mm <sup>2</sup> (DIN 53505)
Density	1.32 g/cm <sup>3</sup> at 23°C and 50% RH
Tack-free time	50 min at 23°C and 50% RH
Elastic modulus at 100%	0.7 N/mm <sup>2</sup> (ISO 37 DIN 53504)
Tensile strength	1.7 N/mm <sup>2</sup> (ISO 37 DIN 53504)
Elongation at break	ca. 570 % (ISO 37 DIN 53504)
Joint movement capability	$\pm 25\%$ of joint width (EN 15651/1; ISO 11600)
Application temperature	from +5 to +40 °C
Temperature resistance (°C)	-40 to +90, with brief points at +120

Art.No	Color/RAL	Contents	P.Qty
<b>0890 1001</b>	White	300 ml	24
<b>0890 1002</b>	Grey	300 ml	
<b>0890 1003</b>	Black	300 ml	
<b>0890 1006</b>	Sand beige	300 ml	



## BOND SEAL-KD

### Application Instructions:

- Ensure all surfaces are clean, dry, and free from grease or dust.
- Primer is generally not required but recommended for porous or special substrates. Always test adhesion in case of doubt.
- Use a closed-cell backing rod in movement joints to prevent adhesion to the base.
- Apply product at ambient temperature between +15°C and +25°C for best handling.
- Extrude firmly to ensure contact with joint sides and avoid air entrapment.
- Tool and smooth the surface before skin formation.
- Avoid curing in contact with silicone sealants or alcohol-based solvents.
- Over-paintable once cured. Compatibility with paint must be tested.
- Provide temporary support or clamping for bonding applications if required.

### Cleaning and Safety

- Clean tools immediately with acetone or approved solvent before curing.
- Hardened material can only be removed mechanically.
- Use protective gloves (latex, rubber or polyethylene).
- Avoid direct skin contact. In case of contact, wash thoroughly with soap and water.
- Refer to the product Material Safety Data Sheet (MSDS) before use.

### Storage and Shelf life

Shelf life: 12 months from production date

- Store between +10°C and +25°C in a dry, cool, and shaded environment
- Avoid exposure to direct sunlight, humidity, and temperatures above 25°C

### Important Note:

The information contained in this technical data sheet reflects our current knowledge and experience. It does not constitute a legally binding assurance of product properties or suitability for specific applications. It is the responsibility of the user to test the product for the intended application. Würth reserves the right to modify the product specification without prior notice.

Packaging Type	Volume	Units / Box
Aluminum Cartridge	310 ml	12 pcs



## BRAKE CLEANER-500ML

**For cleaning and degreasing during maintenance and repair work**

**Fast flash-off behaviour and excellent cleaning performance**

- Fast and effective removal of soot, grease, brake dust and oily residues
- Residue-free cleaning

**Acetone-free**

Good material compatibility with paints, plastics, seals and rubber

**AOX-free and silicone-free**

### Details/Application

For quickly removing oily/greasy residues, soot, brake dust on vehicles, disc and drum brakes, engine and gearbox housings etc.

### Instructions

Spray the surfaces to be cleaned and wipe with a clean cloth. Repeat the process for heavy soiling.

### Notice

Do not spray on hot parts. Not suitable for surface cleaning of adhesive areas. Prior to application, the compatibility of rubber or plastic parts and painted surfaces should be checked on an area that is not visible.



Technical Data	
Chemical basis	Naphtha
Smell/fragrance	Solvent-like
Shelf life from production	24 Month

## THROTTLE VALVE CLEANER-500ML

**Special, highly active system cleaner for 2- and 4-stroke engines.**

**Possible to clean without removing components**  
**Overhead valve**

Hard-to-reach areas can be easily accessed

**Excellent cleaning performance**

- Optimum carburettor performance
- Perfect throttle valve function

**Quiet engine running**

Faults caused by dirty throttle valves or carburettors are rectified.

### Details/Application

Removes deposits and impurities in the intake and throttle valve area. It can also be used to clean carburettor and calibrated bores and nozzles. Suitable for catalytic converters.

### Instructions

When the engine is turned off, generously spray all parts to be cleaned and allow the active agent to react for 2-3 minutes.

Then, with the engine running for approx. 30 seconds, spray into the intake and throttle valve area, while slightly increasing the speed to loosen the deposits.

### Notice

For various throttle valve units, it is advantageous to remove them in order to be able to optimally clean the underside of the throttle valve.  
 Suitable for petrol engines only! Clean diesel injection nozzles only when they are removed.



Technical Data	
Chemical basis	Hydrocarbon
Colour	Colourless
Smell/fragrance	Solvent-like
Shelf life from production	24 Month

## CLEANER FOR THREE-WAY CATALYTIC CONVERTER

Used to connect the intake manifold vacuum tube, remove the surface covering of the catalyst and oxygen sensor, and restore the catalyst and extend the service life.

Effectively reduce the emission of harmful gases such as HC, CO, and NOX.

Restore the original power level of the car, reduce fuel consumption.

Simultaneously clean the engine combustion chamber, intake valve and other parts of carbon deposits.

### Application area

Remove a vacuum from the intake manifold without the engine starting tube, preferably from the carbon tank solenoid valve to the intake manifold vacuum tube.

Connect the nozzle of the cleaning equipment with the vacuum tube and close it.

Start engine, displacement 2.0L and above vehicles to keep idle state, exhaust.

For vehicles under 2.0L, keep the engine speed at 1500 r/min. Then slowly open the flow control valve of the cleaning equipment, so that the cleaning agent atomized into the combustion chamber burns.

If the engine shakes seriously during the cleaning process, reduce the cleaning agent flow to ensure the normal operation of the engine.

During the cleaning process, do not accelerate, always pay attention to the flow of cleaning agent.

After cleaning, let the engine idle to continue running for 2-3 minutes, then reverse step up the throttle and clean the surface of oxygen sensor and ternary catalytic converter until the exhaust pipe is free of grayish black or cyan smoke.

Because irritating gas will be produced during the cleaning process, it is recommended to work in a ventilated open space.



### Instructions

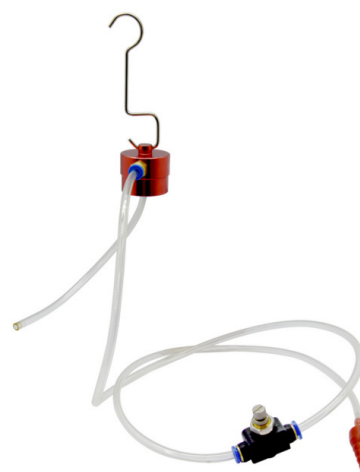
A three-way catalytic converter cannot be cleaned under the following circumstances:

- The engine is not working normally, there is shaking, abnormal noise, serious burning oil, bright obvious lack of cylinder or fire break;
- the ternary catalytic converter has been sintered or damaged;
- Three-way catalytic converters that do not meet the quality requirements of automobile manufacturers.

Technical Data	
Chemical basis	Alcohol with additives
Colour	Light yellow
Smell/fragrance	Solvent-like
Shelf life from production	24 Month
Density	0.68 g/cm <sup>3</sup>
Density conditions	at 23°C, 50% relative humidity
Min. flashing point	15.2 °C

### Connection hose for 3-way catalytic converter cleaner

**Art.No. 0891 156400**



## CONTACT SPRAY-300ML

**Is quick and reliable at rectifying ignition problems**  
**To be used as a preventative measure against**  
**ignition problems caused by moisture in vehicles**  
**and in other low-voltage ignition systems**

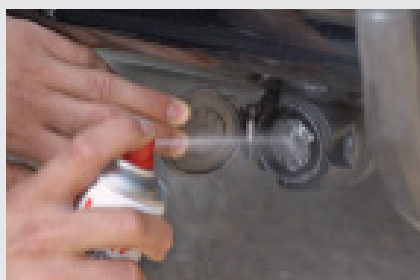
### Details/Application

Cleans the ignition cable, distributor caps and connectors

Technical Data	
Chemical basis	Characteristic
Colour	Light yellow
Density conditions	at 20°C
Density	0.743 g/cm <sup>3</sup>
Shelf life from production	24 Month



### Details/Application





## CONTACT SPRAY SW-200ML

### Special spray wash

#### Cleaner for contacts and electrical components

- Removes wood resin residues
- Cleans components with heavy soiling

**Versatile applications – Does not attack plastics and common materials (electr. parts and elements, circuit boards, relays, power strips)**

### Notice

SW contact spray must be completely dry before the electrical system is restarted!

Technical Data	
Chemical basis	Mineral oil
Colour	Transparent
Smell/fragrance	Characteristic
Density	1.25 g/cm <sup>3</sup>
Shelf life from production	24 Month



## REMOVER OF LABEL-(INDUSTRY-CLEANER)

**High-quality special cleaner for removing adhesive tape residue, labels and film stickers as well as stubborn dirt. NSF-certified**

### Effective

- Easy removal of adhesive residues, labels and adhesive tapes
- Stubborn dirt such as wax, rubber abrasion, silicone residues, permanent marker, oil and grease are loosened

**Gentle on materials, delicate surfaces such as aluminium, brass and stainless steel are not damaged**

### User-friendly

- No unpleasant odours for users and the environment.
- Fast and effective cleaning.

### Details/Application

Cleans machine parts, plastic parts and metallic surfaces of adhesive residues. Also suitable for removing protective preservatives e.g. on brake discs.



Technical Data	
Chemical basis	Special benzene with D-limonene
Colour	Transparent
Smell/fragrance	Characteristic
Min. flashing point	10 °C
Hazard class (German Ordinance on Combustible Liquids)	Al
Density	0.74 g/cm <sup>3</sup>
AOX-free	Yes
Silicone-free	Yes
Shelf life from production/ conditions	24 Month/below 25°C



## CLEANER F. WINDSCREEN, SUMMER-RAPID-32ML

**Highly-concentrated windscreen cleaner 1:100.  
Small container for easy dosing depending on  
tank size.**

### Contains special cleaning substances

- Prevents smear formation
- Eliminates glare and lubricant films
- Ensures a crystal clear view
- Removes adherent insects and other soiling

### Very good material compatibility

- Does not attack polycarbonate glass
- Gentle on paint and rubber

### Instructions

Add rapid cleaner to windscreen wash depending on the wash water volume



Technical Data	
Chemical basis	Anionic tenside
Colour	Orange
Smell/fragrance	Peach
Ratio of ingredients	32 ml is sufficient for 2,5 - 3 l washing liquid
Container	Plastic bottle in a display box
pH value	6-7
Min. flashing point	40 °C
Density	1.03 g/cm <sup>3</sup>
AOX-free	Yes
Silicone-free	Yes
Bio-degradable	Yes
Shelf life from production	24 Month

**ASSEMBLY PARTS CLEANER LIQUID - 25 LITERS**

**VOC-free cleaning liquid for the PARTS CLEANER parts washing device and pump spray bottle. NSF-certified.**

**Contains no volatile organic components**  
Meets the specifications of the detergent provisions according to 31.BImSchV (German Federal Immission Control Ordinance)

**Excellent cleaning power**  
Oil, grease and other dirt is quickly and thoroughly removed from brakes, engine and tool parts.

**Good material compatibility**  
**Rapid separation in waste water according to Austrian standard test B5105**

Contains no volatile organic components (VOC)  
**Aqueous, material-protecting cold cleaner based on esters of fatty acids with excellent oil and grease loosening cleaning power and temporary corrosion protection**

**Instructions**

Fill undiluted into the PARTS CLEANER part washing device. Observe the fill level!  
Add to pump spray bottle likewise as a concentrate. Spray the product plentifully onto the parts to be cleaned and allow to take effect according to the degree of contamination. Then rinse with fresh product or wipe down. If necessary, use a brush or sponge to aid cleaning.



Technical Data	
Smell/fragrance	Characteristic
Colour	Light yellow
Density/conditions	1 g/cm³ at 20°C
Biodegradability	Greater than 95%
PH Value	9.5
AOX-free	Yes
VOC-free	Yes
Sustainability	Pollutants/Emissions

## WS6 LUBE SPRAY

**Contains PTFE for long term and advanced lubrication.**

**High-grade lubricating agent based on a mixture of oils and penetrates in a blend of solvents.**  
**It has been formulated to offer quick and easy removal of seized and rusted components. Starts wet motors, penetrates and loosens tight, seized, rusty nuts & bolts. Cleanly lubricates, stops squeaks and protects against rust invasion. Frees sticky joints.**

### Features

- Frees Sticky joints.
- Stop squeaks & protects against rust invasion.
- Cleans & lubricates.
- Can be painted.
- Penetrates & loosens tight, seized, rusty nuts & bolts.
- Removes moisture, Starts wet motors.
- CFC Free
- Silicone Free

### Application

Directly spray or use the nozzle provided on the effected part to achieve the desired results.

Best for Automobile, Marine, garage, Home, Industry, Shops.

Compatibility: It will not affect Rubber, Plastic, and metal surface.

### Caution

Do not use near flame or any engine while it is running.

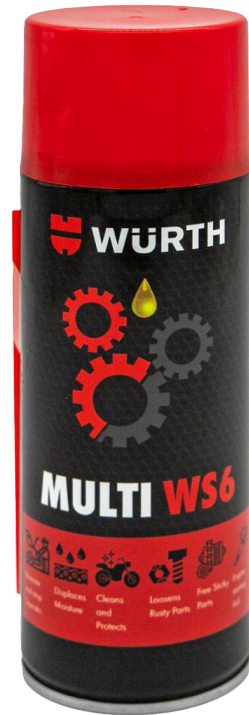
Pressurized can protect from heat, and do not expose to temperature exceeding Fifty degrees C.

Do not spray on naked flame or incandescent material.

Do not breathe vapor/spray.

Do not spray on live electrical equipment where sparkling may occur.

Use only in a well-ventilated area.



Technical Data	
Appearance	Aerosol Liquid
Color	Light brown
Odor	Solvent
Specific Gravity	0.82
Inside pressure (m. Pa)	0.46
Solubility in water	Insoluble
Corrosion Protection (ASTM B117, 72 hrs)	0-15 in 72 hours
Quantity per Can	100 ml, 235 ml, 400 ml
Spray Ability	Satisfactory
Min./max. temperature conditions	5 to 40 °C
Shelf life from production	36 Month

## ADHESIVE LUBRICANT HHS® 2000 - 500ML

**Partly synthetic oil that is extremely resistant to high pressures.**

- Eliminates creaking and squeaking noises, features excellent creeping and penetration properties and provides excellent corrosion protection
- Very good adhesive lubricant; does not shear off turning and rotating parts
- Compatible with O-rings and X-rings as well as plastics. Does not affect painted base materials.
- Resistant to spray water and salt water, weak acids and alkalis
- Free from silicone, resin and acids

### Application

Extremely high-pressure-resistant partly synthetic oil for universal lubrication and for high pressure loads.

Suitable for universal lubrication and for high pressure loads, e.g. shifting, accelerator and clutch linkages, Bowden cables, pins, joints, hinges, reversing levers, lock strikers, drag link ends, slide rails, chain wheels, toothed racks, open gearwheels and much more.

### Instructions

Carefully and thoroughly pre-clean the lubrication points before each application. Shake the can before use, spray the parts and let it take effect briefly.

After use, spray the spray head upside down until empty.



Technical Data	
Chemical basis	Hydrocarbon
Oil basis	Mineral oil
Colour	Yellowish
Smell/fragrance	Oil
Min. temperature conditions	-25 °C
Max. temperature conditions	180 °C
Max. temperature resistance	200 °C
Min. flashing point of active ingredient	300 °C
Kinematic oil basis viscosity	1500 cSt
Shelf life from production	24 Month

## ADHESIVE LUBRICANT HHS®200

**High-quality, white long-life maintenance grease with PTFE ensures good temperature and weather resistance with excellent adhesive properties**

### Effective load resilience and noise reduction

- Eliminates creaking and squeaking noises
- High pressure resistance and good lubricating effect

### Optimal, long-lasting sealing properties

- Long-lasting lubricant with excellent adhesion and outstanding oxidation stability
- Reduction in frequency of re-lubrication needed due to wear resistance of the lubricated surfaces
- Offers long-lasting corrosion protection
- First-class sealing against weather conditions
- Excellent sealing behaviour against moisture and dirt

### Excellent material compatibility

- Protects and maintains O-rings and X-rings
- Does not affect painted base materials
- Plastic compatibility due to special formula

### Special pigmentation

- Optimum lubrication point detection during maintenance and inspection due to white pigmentation

### Contains PTFE solid lubricant

- Reduction of friction temperature for longer lubrication
- Good emergency running property and temperature resistance

### Application Area:

For professional use in lubricating moving parts where lubrication points are typically visible during maintenance and inspections, such as hinges, joints, sliding rails etc.



Technical Data	
Chemical basis	Mineral oil
Oil basis	Mineral oil
Colour	Brilliant white
Smell/fragrance	Characteristic
Density	0.78 g/cm <sup>3</sup>
Min. temperature conditions	-15 °C
Max. temperature conditions	130 °C
Min. flashing point	200 °C
Silicone-free	Yes
Acid-free	Yes
Resin-free	Yes
AOX-free	Yes
Resistance against	Water, Salt water, Weak lyes, Weak acids
Material compatibility	Steel, Non-ferrous heavy metals, Stainless steel, EPDM, FKM, NBR
Contents	400 ml
Weight of content	246 g
Shelf life from production	24 Month



## SILICONE SPRAY, UNIVERSAL- 500ML

**Ensures long-lasting protection, preservation and insulation of vehicle exterior and interior plastic, rubber and metal parts; good lubricating properties**

- Plastic parts retain a high-gloss finish and do not become brittle
- Rubber parts are protected, do not become brittle and do not freeze or stick
- Impregnated folding roofs and hoods
- Anti-static effect (dust-repellent)
- Protects electrical contacts against moisture
- Sliding roof and seat rails, seat belt rollers etc. run smoothly
- Prevents squeaks and creaks between dissimilar materials, e.g. metal/plastic etc.
- Serves as an installation aid, e.g. for hose connections
- No staining

### Instructions

The usage instructions are recommendations based on the tests we have conducted and are based on our experience; carry out your own tests before each application. Due to the large number of applications and storage and processing conditions, we do not assume any liability for a specific application result. Insofar as our free customer service provides technical information or acts as an advisory service, no responsibility is assumed by this service except where the advice or information given falls within the scope of our specified, contractually agreed service or the advisor was acting deliberately. We guarantee consistent quality of our products. We reserve the right to make technical changes and further develop products.



Technical Data	
Chemical basis	Mineral oil
Colour	Colourless
Density/conditions	0.61 g/cm <sup>3</sup> / at 20 °C
Min./max. temperature	-5 to 40 °C
Shelf life from production	24 Month

## MOVEMENT DETECTION PAINT

**Solvent-free locking, marking and sealing lacquer**  
**with good adhesion to virtually all materials**  
**High temperature resistance up to min. 145 °C**  
 Also suitable for outdoor use

**High insulation resistance**  
 As a covering for electrically conductive parts

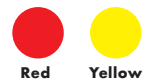
**High mechanical strength**  
 But can still be removed

**No corrosion**  
**Good resistance to water, limited resistance to oil,**  
**petrol and diesel**  
**Solvent and silicone-free**  
**Practical accordion bottle**

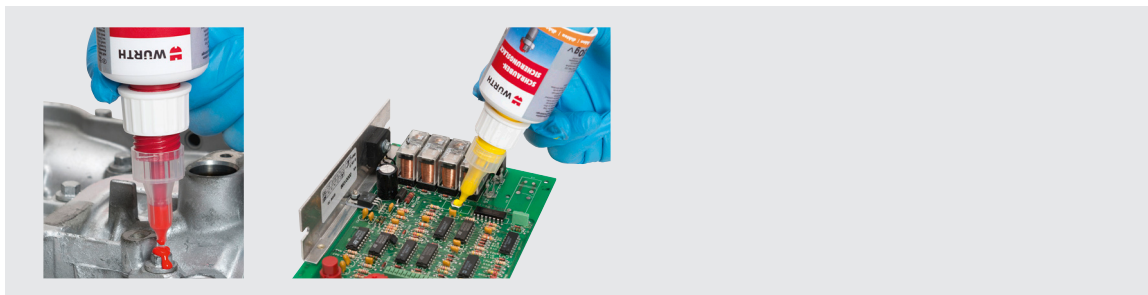
- Easy handling
- Better residue removal
- No clogging of the tip

### Application

The screw retainer varnish is suitable for visually checking all possible movements between connected adjusted parts, and thus documents quality assurance, manufacturing control and product testing with a lacquer seal and protects against intrusion by third parties. The screw retainer varnish is applied to stud bolts, pressure fittings, nuts and other threaded connections once they have been properly pre-stressed and adjusted.



Technical Data	
Min./max. processing	5 to 30 °C
Min./max. temperature	-40 to 145 °C
Min. initial strength	30 min
Min./max. final strength	12 h-24 h
Shelf life from production	24 Month



Red 50ml **Art.No. 0893 741451**  
 Yellow 50ml **Art.No. 0893 741452**

## SUPERGLUE SUPER-FAST GLUE -20G

**For bonding metal, plastic and rubber parts with and to each other in a matter of seconds**

### Clever special closure

- Precise dispensing
- The tips do not become clogged

### Bonds in seconds

- Immediate further processing possible
- Fast repairs
- Simple designs without additional fastening materials possible

### High level of resistance to ageing and climatic conditions

**Solvent and silicone-free**

### Instructions

The application surfaces must be clean, dry and free of grease. For pre-treatment, refer to the technical data sheet. Apply a thin, even layer of adhesive to just one of the surfaces to be adhered. Apply sufficient pressure to make the connection immediately, in order to ensure complete contact.



Technical Data	
Colour	Transparent
Max. gluing gap size	0.1 mm
Chemical basis	Cyanoacrylate acidic ester
Shelf life from production/ conditions	15 Month/at room temperature

### Application

Superglue for bonding metal, plastic and rubber parts with and to each other.



## GRAVEL THROW AND UNDERBODY PROTECTION

**Rubber-based coating compound containing solvents, can be painted over**

- Excellent adhesion, quick skin formation
- Scratch-resistant
- Can be painted over with many commercially available, solvent-based and water-based one-component and two-component top coat paints
- Suitable for oven drying briefly at 40°C to 60°C
- Highly sandable once fully dry

### Details/Application

For repairing and restoring the original structure and for protecting against stone chips and corrosion in all visible areas, e.g. front and rear aprons, side members, bumpers and chassis on cars, trucks and buses. Ideally suited for use as an anti-humming compound for wheel wells and chass

### Instructions

Shake well before use. The surface must be clean, dry and free from rust and dust. Spray a very thin first coat for improved adhesion and let it flash off for approx. 3 minutes. Then apply the next coat. Allow each intermediate coat to flash off. Operating pressure: 2-4 bar. Optimum spraying distance: 30 cm. The best spraying results are achieved at a processing temperature of 15-25°C



Technical Data	
Colour	Black
Chemical basis	Natural rubber
Weight of content	1080 g
Max. processing temperature	25 °C
Max. pressure	4 bar
Max. temperature conditions	60 °C
Min./max. temperature conditions	10 to 60 °C
Min. pressure	2 bar
Shelf life from production/conditions	24 Month / at 10°C to 30°C

## BRAKE PASTE-PROTECTION-HT-SPRAY-300ML

**Lubricating, separating and anti-corrosive paste  
extremely resistant to high temperatures and  
high pressures**

### Metal-free

- Does not harm sensors on brake systems
- Suitable for ABS brake systems and ASR and ESP systems
- Heat-resistant up to 1400°C
- Permanent and high level of lubrication thanks to ceramic components
- Resistant to diluted acids, bases, spray water and salt water
- Silicone- and AOX-free
- Resistant to high pressures

### Details/Application

- Lubricating, separating and anti-corrosive paste for parts in vehicle brake systems, installation aid on machines etc.
- For preventing run-in damage and wear on bearings, sliding points, screw and plug connections.

### Notice

- Do not apply to brake discs and brake friction lining
- Shake the aerosol thoroughly



Technical Data	
Chemical basis	Mineral oil
Colour	Light grey (bright grey)
Min./max. temperature	1400 °C
Shelf life from production	12 Month

## BATTERY TERMINAL GREASE-PROTECTOR-150ML

### Long-term and temperature-resistant protection for battery terminals

- Protects battery terminals, pole terminals and plug connections from corrosion, weather and battery acids
- Prevents transfer resistances and voltage drops, thereby extending the battery life.

### Instructions

Shake can before use. Thoroughly clean and mount the battery terminals, pole terminals etc., and spray a thin coat on all sides

### Notice

Caution: Do not spray on paint! Immediately remove residues from the lacquer with brake cleaner; otherwise spots may form.



Technical Data	
Chemical basis	Dimethacrylic acid ether
Colour	Blue
Smell/fragrance	Solvent-like
Shelf life from production	24 Month



## WINDSCREEN ADHESIVE PRIMERLESS-310ML

**One-component, flexible and high-performance polyurethane adhesive for auto glass replacement aftermarket direct glazing and general assembly. Resistant to UV radiation. 2 - Hours Drive-away time with cars with airbag.**

### Application

Purposely designed for bonding windscreens in the Auto Glass Replacement aftermarket, side and rear windows to passenger cars, trucks, tractors and special vehicles. It is ideal for direct glazing on vehicles where high shear modulus and non-conductive properties are required. Also used for bonding fiberglass reinforced plastic elements (roofs, side and frontal panels) on vehicles. It is indicated in all applications where a strong elastic structural bonding to elements of different compositions (automotive topcoat paint, metal sheets, fiberglass and reinforced plastic) is necessary and that undergo a strong mechanical or thermal stress.

### Features

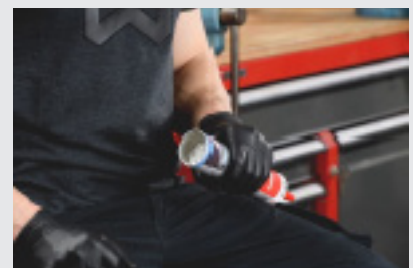
- One-component polyurethane
- Solvent free, odorless
- Primerless to glass, ceramic frit and painted metal
- Short cut-off string
- Suitable for cold and warm application
- Outstanding thixotropy, good decking, non-sagging
- High Modulus - maintains torsional rigidity and increases the vehicles NVH values
- Capable of withstanding high dynamic stresses
- High UV, weathering and ageing resistance

### Safety Tested

- Drive Away Time: 2 hours
- On vehicles fitted with both driver and passenger airbags



Technical Data	
Chemical basis	Polyurethane
Colour	Black
Appearance	Non-sag thixotropic paste
Curing Mechanism	Moisture-curing





## GLASS PRIMER 20 G

**Sabesto primer 20 G. Black, moisture-hardening primer for promoting adhesion of the windscreen adhesive on glass, ceramic silkscreen printing, lacquer and various metals.**

### Features

Black, moisture-hardening primer for promoting adhesion of the windscreen adhesive on glass, ceramic silkscreen printing, lacquer and various metals. Corrosion protection for bare metal surfaces. UV-protection

### Areas of Use

Contains: ISOPHORONE DIISOCYANATE DIPHENYLMETHANE-4,4'-DIISOCYANATE METHYL ETHYL KETONE Highly flammable liquid and vapour. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. May cause drowsiness or dizziness. Repeated exposure may cause skin dryness or cracking. Contains isocyanates. May produce an allergic reaction. Keep away from heat, sparks, open flames, hot surfaces. No smoking. Keep container tightly closed. Wash hands thoroughly after handling. Wear protective gloves, protective clothing, eye protection, face protection.

**IF INHALED:** If breathing is difficult, remove.

20g **Art.No. 0890 0242**

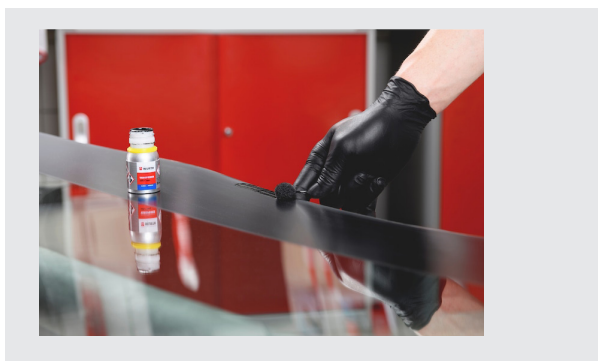


## PRIMER BRUSH FOR WINDOW INSTALLATION

**For installing windscreens**

**Felt applicator**

**Length approx. 11 cm**



11cm **Art.No. 0891 650**

## POLISH-(FASTCUT PLUS)-P10-1KG

**Highly abrasive high-gloss polish for quickly removing surface defects in fresh repairs and fully hardened top coats**

**Innovative powdered composition made from aluminium oxide**

- Extremely high surface removal rate and unprecedented gloss level
- Effortlessly removes sanding grooves from a grain of P1500 upwards

### Thick consistency

- Polish does not splash
- Economical
- Low dust formation
- No laborious re-cleaning of adjacent areas

**Can be applied manually and by machine**

**For conventional and scratchproof paint types**

**Suitable for use on used and new paint surfaces**

### Details/Application

Painted surfaces in the automotive, nautical or wood sectors. Solvent-based paints, one-component and multi-component systems, water-based paints, powder coatings, scratch-resistant clear lacquers. Not for matt paints. Highly abrasive high-gloss polish for quickly removing surface defects in fresh repair and fully hardened top coats as well as for polishing stubborn signs of usage on used paints.

Painter preparation: Trapped dust, sanding grooves, orange peel, paint defects

### Instructions

Shake well before use. Moisten the surfaces of the selected polishing disc evenly with the paste and apply a small amount to the surface to be polished. Position the polishing pad flat on the area and start the machine. Apply a certain pressure at 1500-2000 rpm, process the surface until grinding traces or paint imperfections have been removed. Work in sections! Remove residual polish with a microfibre cloth. Remove any remaining streaks with P30 Plus anti-hologram polish.

### Notice

Do not use on hot surfaces or in direct sunlight. Not suitable for polycarbonate glass.



Technical Data	
Chemical basis	Isoalkane
Colour	Green
Smell/fragrance	Characteristic
Density	1.25 g/cm <sup>3</sup>
Silicone-free	Yes
Conditions to maintain shelf life from production	at 5°C to 35°C
Shelf life from production	24 Month



## POLISH-(ANTIHOLOGRAMM PLUS)-P30-1KG

**High-gloss finish polish for permanently removing streaks and holograms on dark vehicle paints**

**Unique powdered composition made from aluminium oxide**

- Fine removal with simultaneous unique mirror gloss
- Effortlessly removes sanding grooves from a grain of P3000 upwards

**Thick consistency**

- Polish does not splash
- Economical
- Low dust formation

**Can be applied manually and by machine**

### Details/Application

Painted surfaces in the automotive, nautical or wood sectors. (solvent-based paints, one-component and multi-component systems, water-based paints, powder paints, scratch-resistant clear lacquers). Not for matt paints

### Instructions

Shake the bottle well before use.

Apply an even coat of polish to the paint surface with a soft polishing cloth or polishing sponge, working in a circular motion, and then polish. Remove residual polish with a microfibre cloth.

### Mechanical

Moisten the surface of the selected polishing pad evenly with the paste and apply a small amount to the surface to be polished.

Position the polishing pad flat on the area and start the machine. Polish the area applying a certain pressure until grinding traces or paint imperfections have been removed. Remove residual polish with a microfibre cloth.

Lambswool polishing pad, white 0585 23 80

Polishing pad, orange 0585 26 170

Microfibre cloth, professional Blue 0899 900 131

or paint imperfections have been removed. Remove residual polish with a microfibre cloth.



Technical Data	
Chemical basis	Isoalkane
Colour	Light grey (bright grey)
Smell/fragrance	Characteristic
Density	0.99 g/cm <sup>3</sup>
Silicone-free	Yes
Shelf life from production	24 Month



## INTERIOR CLEANER

### Special cleaning foam with anti-static additive for the entire vehicle interior

- Cleans all painted and plastic parts, glass surfaces and upholstery. Removes nicotine odours and leaves a pleasant fresh scent in the interior.
- The anti-static additive creates temporary anti-dust protection on the surface for longer lasting cleanliness in the vehicle interior.
- Works intensively to reliably remove stubborn dirt, even on vertical and sloped surfaces
- Silicone-free

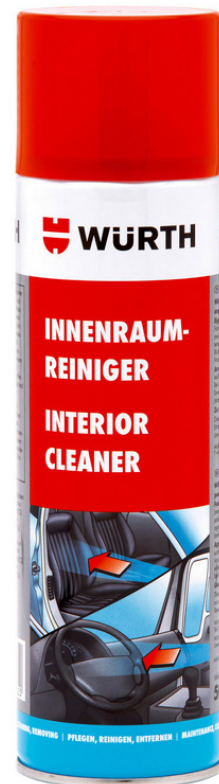
### Details/Application

Instrument panel, vehicle ceiling, door trims, seat upholstery, seat back-rests, sun visors, console.

### Notice

Do not spray directly on sensitive surfaces. Spray the interior cleaner onto a clean cloth and wipe the surfaces to be cleaned. Do not use on hot surfaces or in direct sunlight.

For optimum foaming, shake the can well before use!



Technical Data	
Chemical basis	2-propanol
Colour	Transparent
Smell/fragrance	Peach
Density	0.9 g/cm <sup>3</sup> / at 20°C
pH value/conditions	9.5
Min. flashing point	-60 °C
Shelf life from production	24 Month

BMF WORKSHOP CLEANER

Environmentally friendly cleaner for workshops, machinery and vehicles

- No phosphates, solvents or corrosive substances
- Can be used mechanically, manually or in high-pressure devices
- Powerful at dissolving greases, yet mild and gentle on materials
- Does not attack paints, rubber or plastics
- pH value: 9.4
- Silicone-free
- AOX-free

Details/Application

For cleaning all water-resistant surfaces.



Technical Data		
Art.No.	0893 1182	0893 1183
Contents	5L	20L
Chemical basis	Alkaline tenside	Alkaline tenside
Colour	Luminous yellow	Luminous yellow
Smell/fragrance	Fruity	Fruity
pH-neutral	No	No
pH value	9.4	9.4
Density	1.04 g/cm³	1.04 g/cm³
Shelf life from production	24 Month	24 Month



### MY NOTES:

[illegible]





## AUTO CHEMICALS

### Wurth Saudi Arabia LLC

King Fahad Branch Rd. Al Olaya District,  
Street number 70, P.O.Box 503, 12214  
Riyadh

Website: [www.wurth.sa](http://www.wurth.sa)

Email: [Info@wurth.sa](mailto:Info@wurth.sa)

#READY  
FOR WORK

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الفرعي، حي العليا، شارع رقم ٧٠، ص.ب. ٥٠٣، ١٢٢١٤  
الرياض

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