

MAINTENANCE AND REPAIR SOLUTION GUIDE



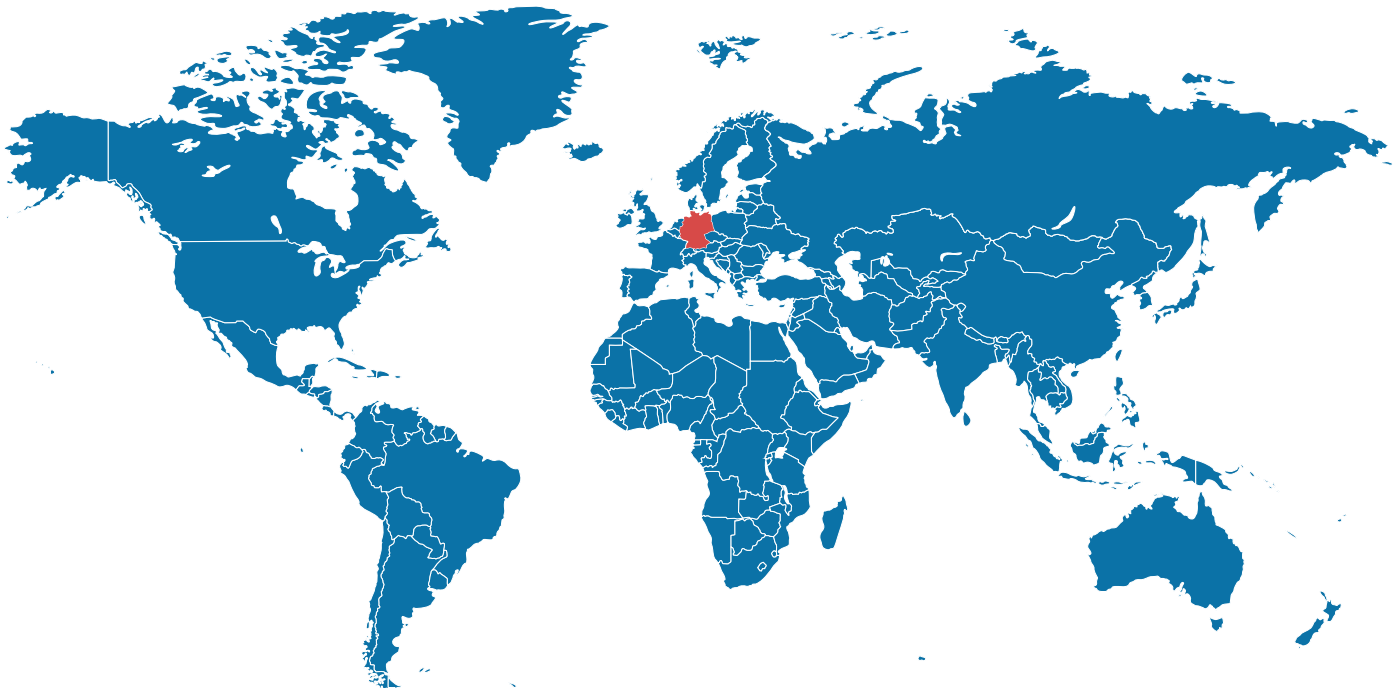


WINKEL GmbH has been producing “engineering adhesives, repair epoxies, maintenance / preventive maintenance aerosol products” to the MRO and OEM sectors at European standards with WINKEL or Private Label brands since 2001. Our company is one of the leading companies in the sector as an engineering company that produces solutions to the problems in different fields of the industry under the motto of “Irreplaceable Part of the System” through its extensive local/global distributor network. This catalog is a reference guide for our product portfolio. Please contact with us for more detailed technical information or for your special requests.

Our targets are; ...To minimize your unplanned downtime in your business ...Provide sustainable skills to your maintenance / production staff ...Reducing your maintenance costs.

For additional information requests, you can visit our web site or you can send e-mail to your responsible sales engineer.

**Winkel GmbH
Euskirchen-Germany**



www.winkelindustry.ca

Irreplaceable Part of the System...

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THREAD LOCKERS

W206-222	W223-243	W230-270/1
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Color	Purple	Blue	Green
Strength	Low	Medium	High
Functional Strength	1-3 hrs	1-3 hrs	1-3 hrs
Recommended Ø Thread Size	M6	M36	M20
Gap Filling	0,10 mm max.	0,25 mm max.	0,15 mm max.
Breakaway Torque	8-12 Nm	18-25 Nm	35-40 Nm
Heat Resistance	-50°C +150°C -58°F +302°F	-50°C +180°C -58°F +356°F	-50°C +150°C -58°F +302°F

THREAD SEALANTS

W610 511	W620 542	W628 577
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Color	White	Brown	Yellow
Strength	Low	Medium	Med-High
Functional Strength	1-3 hrs	1-3 hrs	1-3 hrs
Recommended Ø Thread Size	M80	M20	M80
Gap Filling	0,20 mm max.	0,15 mm max.	0,35 mm max.
Breakaway Torque	06-10 Nm	18-24 Nm	27-32 Nm
Heat Resistance	-50°C +150°C -58°F +302°F	-50°C +150°C -58°F +302°F	-50°C +150°C -58°F +302°F

■ WINKEL W 206 222

Recommended for low strength threadlocking of adjusting screws, counter sunk head screws and set screws; on collars, pulleys, tool holders etc.

Bottle	Box/Pcs	Art. No.
50 ml	50	W206 222-50
50 ml Pump(entegrated)	20	W206 222-50P
250 ml	20	W206 222-250

■ WINKEL W 610 511

Recommended for all coarse metal threads where slow cure is required to prolong time frame for adjusting valves and fittings.

Bottle	Box/Pcs	Art. No.
50 ml	20	W610 511-50
50 ml Pump(entegrated)	50	W610 511-50P
250 ml	20	W610 511-250

■ WINKEL W 223 243

High performance on various metals, even without use of a primer. Improved reliability on oil contaminated surfaces.

Bottle	Box/Pcs	Art. No.
10 ml	20	W223 243-10
50 ml	50	W223 243-50
50 ml Pump(entegrated)	20	W223 243-50P
250 ml	20	W223 243-250
1kg	10	W223 243-1

■ WINKEL W 620 542

Recommended for threaded fittings as used in hydraulic and pneumatic installations.

Bottle	Box/Pcs	Art. No.
50 ml	20	W620 542-50
50 ml Pump(entegrated)	50	W620 542-50-P
250 ml	20	W620 542-250
1kg	10	W620 542-1

■ WINKEL W 230 270/1

High strength and performance on various metals, even without use of a primer. Improved reliability on oil contaminated surfaces.

Bottle	Box/Pcs	Art. No.
10 ml	20	W230 270-10
50 ml	50	W230 270-50
50 ml Pump(entegrated)	20	W230 270-50P
250 ml	20	W230 270-250
1 kg	10	W230 270

■ WINKEL W 628 577

Recommended for all coarse metal threads. Suitable for applications requiring fast cure.

Bottle	Box/Pcs	Art. No.
50 ml	50	W628 577-50
50 ml Pump(entegrated)	20	W628 577-50P
250 ml	20	W628 577-250



RETAINING COMPOUNDS

W240 620	W334 648	W336 638
Green	Green	Green
High	High	High
3-6 hrs	3-6 hrs	3-6 hrs
-	-	-
0,30 mm max.	0,25 mm max.	0,30 mm max.
25-30 Nm	35-45 Nm	30-40 Nm
-55°C +230°C -67°F +446°F	-50°C +150°C -58°F +302°F	-50°C +150°C -58°F +302°F

GASKET SEALANTS

W629 573	W626 574	W628 518	W339 510
Green	Orange	Red	Dark Pink
Medium	Medium	Med-High	High
1-3 hrs	1-3 hrs	1-3 hrs	3-6 hrs
-	-	-	-
0,30 mm max.	0,35 mm max.	0,35 mm max.	0,35 mm max.
16-22 Nm	17-24 Nm	20-27 Nm	35-45 Nm
-50°C +150°C -58°F +302°F	-50°C +150°C -58°F +302°F	-50°C +150°C -58°F +302°F	-50°C +150°C -58°F +302°F

■ WINKEL W 240 620

Recommended for high temperature retaining of parts with a clearance or interference fit, e.g. retaining bushes, bearings, seals, fans and liners

Bottle	Box/Pcs	Art. No.
50 ml	50	W240 620-50
250ml	20	W240 620-250

■ WINKEL W 629 573

Recommended for use on general sealing requirements e.g. rigid iron, steel and aluminium flanges etc. High pressure resistance.

Bottle	Box/Pcs	Art. No.
50 ml	50	W629 573-50
50 ml Pump(entegrated)	20	W629 573-50P
250 ml	20	W629 573-250

■ WINKEL W 334 648

Recommended for chemical resistant retaining of parts with a clearance or interference fit, e.g. retaining bushes, bearings, seals, fans and liners.

Bottle	Box/Pcs	Art. No.
50 ml	50	W334 648-50
50 ml Pump(entegrated)	20	W334 648-50P
250 ml	20	W334 648-250

■ WINKEL W 626 574

Recommended for use on general sealing requirements e.g. rigid iron, steel and aluminium flanges etc.

Bottle	Box/Pcs	Art. No.
50 ml Pump(entegrated)	20	W626 574-50P
250 ml	20	W626 574-250

■ WINKEL W 336 638

Recommended for high strength retaining of parts with a clearance or interference fit, e.g. retaining bushes, bearings, seals, fans and liners.

Bottle	Box/Pcs	Art. No.
50 ml	50	W336 638-50
50 ml Pump(entegrated)	20	W336 638-50P
250 ml	20	W336 638-250
1 kg	10	W336 638-1

■ WINKEL W 628 518

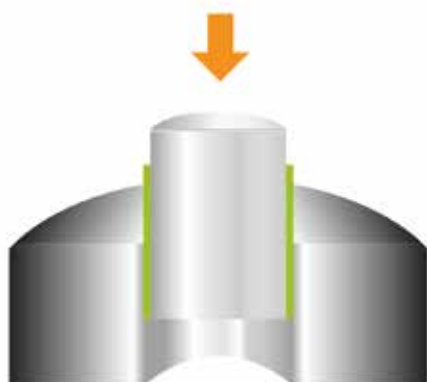
Recommended for use on rigid iron, steel and aluminium flanges e.g. aluminium gearbox and engine castings, etc.

Bottle	Box/Pcs	Art. No.
50 ml	50	W628 518-50
50 ml Pump(entegrated)	20	W628 518-50P
250 ml	20	W628 518-250

■ WINKEL W 339 510

Recommended for use on rigid metal parts e.g. cast iron components and pump housings, etc. operating at high temperatures.

Bottle	Box/Pcs	Art. No.
50 ml	50	W339 510-50
50 ml Pump(entegrated)	20	W339 510-50P
250 ml	20	W339 510-250



INSTANT ADHESIVES

	WS 44	WS 66	WS 77	WA	WS-GEL	MDF KIT	WS ACTIVATOR	WS PRIMER	WS SPEZIAL KLEBSTOFF
Chemical Base	Ethyl Cyanoacrylate	Ethyl Cyanoacrylate	Ethyl Cyanoacrylate	Alcoxy Ethyl Cyanoacrylate	Ethyl Cyanoacrylate	Ethyl Cyanoacrylate & Activator	Cyanoacrylate Activator	Aliphatic Amine	Ethyl Cyanoacrylate
Color	Transparent	Transparent	Black	Transparent	Transparent	Transparent	Transparent	-	Transparent
Viscosity @20°C (68°F)	100 mPa.s	11-22 mPa.s	450-650 mPa.s	70-130 mPa.s	50.000 mPa.s thixotropic	-	1-2 mPa.s	-	15-25 mPa.s
Max. Gap Filling	0.07 mm	0.05 mm	0.10 mm	0.03 mm	0.25mm	0.05 mm	-	-	0,05 mm
Fixture Time *plastic	< 5 sec	< 3 sec	15-40 sec	20-50 sec	5-10 sec	< 3 sec	1-4 sec	-	< 5 sec
Tension Strength	21 N / mm ²	18 N / mm ²	18 N / mm ²	>10 N / mm ²	50-70 N / mm ²	22 N / mm ²	-	-	> 5 N/mm ²
Heat Resistance	-60°C +80°C -76°F +176°F	-55°C +80°C -67°F +176°F	-40°C +125°C -40°F +257°F	-40°C +80°C -40°F +176°F	-55°C +80°C -67°F +176°F	-50°C +80°C -58°F +176°F	-	-	- 40°C +80°C - 40°F +176°F

* Instant adhesives cure with relative humidity on the surfaces. The fixture time is given above are the values obtained in the room conditions under 50% relative humidity. Moisture levels on surfaces may vary due to seasonal variations or climatic conditions. The curing speed of instant adhesives will be affected when the humidity is below 50%, the curing times will increase; If it exceeds 50%, curing times will be shortened. Nevertheless, the instant adhesives reach 60% of their final strength after 1 min. of application.

** The gap filling capacity of instant adhesives is less than other adhesive groups. However, it provides high strength in very short time in zero gap bonding applications.

*** WS PRIMER should be applied on hard-to-bond surfaces such as PP, PE, PTFE and silicone before bonding.

■ WS 44 INSTANT ADHESIVE

General purpose instant adhesive for metals, metal and other combinations.

Bottle	Box/Pcs	Art. No.
20 g	30	W200 008
50 g	20	W200 009
500 g	20	W200 010

■ WS 66 INSTANT ADHESIVE

Instant adhesive for plastics, rubber and combinations.

Bottle	Box/Pcs	Art. No.
20 g	30	W200 011
50 g	20	W200 023-50

■ WS 77 INSTANT ADHESIVE

It is a rubber reinforced general purpose instant adhesive for the vibrated and impacted areas. It does not cause crack or breakage. Black coloured.

Bottle	Box/Pcs	Art. No.
20 g	30	W200 012
50 g	20	W200 013-50

■ WS SPEZIAL KLEBSTOFF

General purpose instant adhesive for bonding rubber, plastic, steel and metals.

Bottle	Box/Pcs	Art. No.
500 g	6	W200 021



■ WA INSTANT ADHESIVE

Ideal for cosmetic applications where aesthetic appearance is important. No blooming. Low odor.

Bottle	Box/Pcs	Art. No.
20 g	25	W200 004
50 g	12	W200 005
500 g	20	W200 006

■ WS GEL ADHESIVE

Due to its gel structure, it is especially suitable for general purpose bonding operations on vertical surfaces. It has thixotropic specification.

Bottle	Box/Pcs	Art. No.
20 g	20	W200 074

■ MDF KIT

Especially developed for absorbent wood bonding. The activator in the kit not only accelerates the bonding but also optimizes the adhesive consumption. Bonds in seconds.

Bottle	Box/Pcs	Art. No.
400 ml Activator	25	W200 022
100 g Adhesive		

■ WS ACTIVATOR

It stabilizes instant adhesive consumption on absorbent surfaces such as wood. Also prevents excess product to migrate unwanted areas.

Bottle	Box/Pcs	Art. No.
150 ml	24	W200 020

■ WS PRIMER

It is used on hard-to-bond surfaces such as PP, PE, PTFE and silicone. It improves the ability of the adhesive to wet the surface by balancing the surface energy. It is strictly not used in bondable plastics.

Bottle	Box/Pcs	Art. No.
15 ml	50	W200 020P-15

ELASTIC SEALANTS

	Impermeable Adhesive	Polyurethane Adhesive Sausage	Liquid Gasket	Automatic Cartridge Liquid Gasket	Hylomar	RTV High Temp Silicone	Transparent Crystal Adhesive
Chemical Structure	Polyurethane	Polyurethane	Silicone	Silicone	Polyester Resin	Oxime	MS Polymer
Color	White Gray Black	White Gray Black	Black Red	White, Red Gray, Transparent Black	Blue	Black	Transparent
Dry To Touch	40±10 min.	40±10 min.	15 min.	8 min.	-	8 min.	35 min.
Drying Speed	3 mm 24 hrs	3 mm 24 hrs	2 mm 24 hrs	2 mm 24 hrs	-	2 mm 24 hrs	3 mm 24 hrs
Shore A Hardness	35 - 40	50 ± 5	30	30	-	40	35 ± 5
Breakpoint Stretching	min. %350	≥%300	-	-	-	~%300	-
Heat Resistance	-40 +90°C -40 +194°F	-40 +90°C -40 +194°F	-65 +250°C -85 +482°F	-65 +260°C -85 +500°F	-50 +250°C -58 +482°F	-65 +250°C -85 +482°F	-40 +90°C -40 +194°F

Elastic sealants fill more gaps than other adhesive groups. However, shear strengths are lower than other adhesive groups. Please contact technical support for product selection in specific applications.

■ IMPERMEABLE ADHESIVE

One component, polyurethane based strong adhesive and filling material. White, gray, black colors.

Bottle	Box/Pcs	Art. No.
300 ml	12	W160 261-White
300 ml	12	W160 261-Gray
300 ml	12	W160 261-Black

■ POLYURETHANE ADHESIVE SAUSAGE

One component, polyurethane-based filling and isolation material cured by moisture in the air. White, gray, black colors.

Bottle	Box/Pcs	Art. No.
600 ml	20	W160 259-White
600 ml	20	W160 259-Gray
600 ml	20	W160 259-Black

■ LIQUID GASKET

One component silicone liquid gasket. Black, red colors.

Bottle	Box/Pcs	Art. No.
70 ml	30	W200 501-Red
70 ml	30	W200 502-Black

■ AUTOMATIC CARTRIDGE LIQUID GASKET

Permanent elastic silicone seal. It has a high adhesion strength. Transparent, black, gray, white, red colors.

Bottle	Box/Pcs	Art. No.
200 ml	12	W200 503-Transparent
200 ml	12	W200 504-Black
200 ml	12	W200 505-Gray
200 ml	12	W200 506-Red

■ HYLOMAR

Non-hardening polyester based, reusable sealant. Blue color. DVGW approved.

Bottle	Box/Pcs	Art. No.
80 ml	10	W200 073

■ RTV HIGH TEMP SILICONE (BLACK)

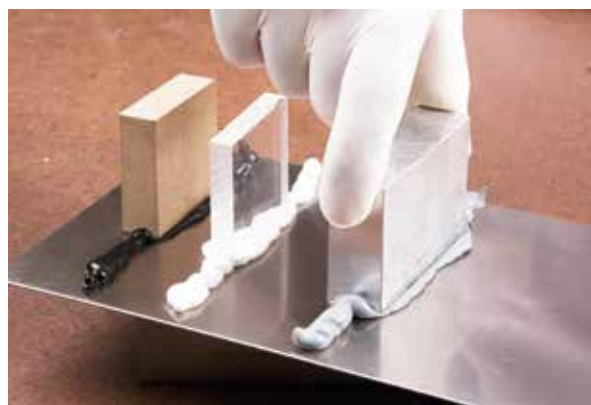
Oxime based, high temperature resistant bonding and sealing silicone. Excellent weather and UV resistance. Provides exceptional bonding and sealing on a wide range of surfaces.

Bottle	Box/Pcs	Art. No.
280 ml	25	W150 120
280 ml	25	W160 254-Red

■ TRANSPARENT CRYSTAL ADHESIVE

Modified silane based, one component, moisture curing adhesive and sealing material. Free of solvents and isocyanates. Excellent resistance to weather conditions.

Bottle	Box/Pcs	Art. No.
310 ml	25	W160 266



EPOXY ADHESIVES

	5 min. Epoxy	WINPOX	WINPOX Transparent	Liquid Metal	Mix Wasser	Mix Metal
Characteristic	Epoxy	Methyl Methacrylate	Methyl Methacrylate	Epoxy	Ceramic-Filled Epoxy	Metal-Filled Epoxy
Color	Transparent	Yellowy	Transparent	Gray	White	Dark Gray
Mixture Rate	Volume 1:1	Volume 1:1	Volume 1:1	Volume 1:1	Volume 1:1	Volume 1:1
Operating Time	around 5 min.	5-7 min	45-75 seconds	around 5 min.	3-4 min	3-4 min
First Holding Time/ Curing Time	10-12 min./ 2-3 hrs	10-12 min./ 1 hrs	< 3 min. / 24 hrs	15 min. / 20 hrs	8-12 min. / 24 hrs	8-10 min. / 24 hrs
Mixture Viscosity	5.000-10.000 mPa.s	150.000-200.000 mPa.s	15.000-22.000 mPa.s	Thixotropic Paste	-	-
Shore D Hardness ASTM D 2240	78-80	75	59	-	82	87
Cutting-Tension Strength	20 N/mm ²	30 N/mm ²	22,5 N/mm ²	16 N/mm ²	6 N/mm ²	4,5 N/mm ²
Heat Resistance	-40°C +120°C -40°F +248°F	-55°C +120°C -67°F +248°F	-40°C +125°C -40°F +257°F	-40°C +120°C -40°F +248°F	-55°C +120°C -67°F +248°F	-50°C +180°C -58°F +356°F

Epoxy adhesives are two-component adhesive composed of resin and hardener. The components are cured by exothermic (heat generating) reaction which is released when the components are homogeneous mixed in the correct ratio. Twin-cartridge packages have plunger which adjusts the mixing ratio automatically they both can be used either manual or with gun. In order for the mixture to be accurate and ideal, it should be used with the mixing tip supplied with the adhesive and no other tip of different size should be used.

■ 5 MIN. EPOXY

Two component, transparent epoxy adhesive. Suitable for bonding metals, ceramics, glass, stone and many hard plastics.

Bottle	Box/Pcs	Art. No.
25 ml	14	W200 014
50 ml*	12	W200 015
400 ml*	20	W200 016

*Used with application gun and mixer tip.

■ WINPOX

Two component, yellow methacrylate adhesive. High strength adhesive for plastics, composites, thermoplastics and metals. Resistant to weather conditions.

Bottle	Box/Pcs	Art. No.
25 ml	14	W200 001
50 ml*	12	W200 002
400 ml*	20	W200 003

*Used with application gun and mixer tip.

■ WINPOX TRANSPARENT

Two component, transparent methacrylate adhesive. High strength adhesive for plastics, composites, thermoplastics and metals. Resistant to weather conditions.

Bottle	Box/Pcs	Art. No.
50 ml*	12	W200 007

*Used with application gun and mixer tip.

■ LIQUID METAL

Two component, gray epoxy adhesive. It does not migrate to unwanted areas due to its thixotropic structure. Includes metal filler. Ideal for repairing cracks and holes on metals.

Bottle	Box/Pcs	Art. No.
25 ml	14	W200 725
50 ml*	12	W200 750

*Used with application gun and mixer tip.

■ MIX WASSER

Two-component, kneadable emergency repair epoxy putty. White color. It can be leveled after hardening.

Bottle	Box/Pcs	Art. No.
56 g	24	W200 069

■ MIX METAL

Two-component, kneadable emergency repair epoxy putty. It is metal filled and gray in color. It can be tapped, drilled etc.

Bottle	Box/Pcs	Art. No.
56 g	24	W200 068
115 g	12	W200 077



METAL FILLED EPOXIES

	W-A Steel Putty	W-B Steel Liquid	W-F Aluminium Putty	W-F2 Aluminium Liquid	W-WR Anti-wear	W-CB Anti-wear
Structure	Putty	Liquid	Putty	Liquid	Putty	Putty
Color	Dark Gray	Dark Gray	Aluminium Gray	Aluminium Gray	Aluminium Gray	White
Operating Time *Room Temperature	45 min. 500 g mixture	45 min. 500 g mixture	55 min. 500 g mixture	55 min. 100 g mixture	55 min. 100 g mixture	55 min. 100 g mixture
Mixture Rate Weight/ Volume	100:11 3:1	100:11 3:1	100:11 5.1:1	100:11 5:1	100:11 4:1	100:11 5.1:1
Shore D Hardness *ASTM D2240	90	90	90	90	85	90
Adhesion Strength *ASTM D1002	224 kg/cm ²	364 kg/cm ²	280 kg/cm ²	280 kg/cm ²	280 kg/cm ²	280 kg/cm ²
Compression Load Strength	595 kg/cm ²	847 kg/cm ²	735 kg/cm ²	735 kg/cm ²	735 kg/cm ²	1085 kg/cm ²
Tension Strength	378 kg/cm ²	427 kg/cm ²	350 kg/cm ²	350 kg/cm ²	350 kg/cm ²	350 kg/cm ²
Heat Resistance	+149°C +300.2°F	+149°C +300.2°F	+149°C +300.2°F	+149°C +300.2°F	+149°C +300.2°F	+149°C +300.2°F

Epoxy adhesives are two-component adhesive composed of resin and hardener. The components are cured by the exothermic reaction that is released when the components are mixed in the correct ratio and in the right manner. If the ambient temperature drops below 15 °C, the curing rate slows down. Store the product at room temperature before application in a cold environment, or place halogen lamp, etc. , it is recommended to place the heat source around the application area.

■ WINKEL W-A STEEL EPOXY PUTTY

It adheres to steel, brass, wood, glass, ceramic and iron. It can be used for patching, repair and reconstruction of stainless steel equipment. Repair of pipes, valves, worn equipment and so on. Ideal for applications. Once cured, it can be drilled, tapped, leveled or painted.

Bottle **Box/Pcs** **Art. No.**
500 g 10 W200 055
Resin + Hardener

■ WINKEL W-B STEEL EPOXY LIQUID

Ideal for repair, maintenance and prototype applications. It is used to take molds through the model. Ideal for pipe, valve, worn equipment repair, tool making, holding apparatus, metal forming molds and so on. Once cured, it can be drilled, tapped, leveled or painted.

Bottle **Box/Pcs** **Art. No.**
500 g 10 W200 057
Resin + Hardener

■ WINKEL W-WR ANTI-WEAR EPOXY PUTTY

The anti-wear epoxy provides a permanent solution for repair, maintenance and tooling applications. Ideal for repair of pipes, valves, worn equipment and so on. Once cured, it can be drilled, tapped, leveled or painted.

Bottle **Box/Pcs** **Art. No.**
500 g 10 W200 066
Resin + Hardener

■ WINKEL W-CB CERAMIC BEAD WEAR RESISTANT PUTTY

Ceramic ball is an anti-wear, smooth epoxy that can be used with a spatula. Ideal for reconstruction and protection of systems exposed to corrosion, erosion, cavitation and chemicals. Can be used for pump repairs, gutter repairs, pipes, sludge lines and all parts subject to wear.

Bottle **Box/Pcs** **Art. No.**
500 g 10 W200 065
Resin + Hardener

■ WINKEL W-F ALUMINIUM EPOXY PUTTY

It is used in maintenance, repair etc. applications in aluminum castings. Ideal for pipe, valve, worn equipment repair, tool making, holding apparatus, metal forming molds and so on. Once hardened, it can be drilled or tapped with standard metalworking tools.

Bottle **Box/Pcs** **Art. No.**
500 g 10 W200 060
Resin + Hardener

■ WINKEL W-F2 ALUMINIUM EPOXY LIQUID

It is an aluminum filled pourable liquid epoxy. Can be used for mold, prototype and apparatus making. The product is perfect for modeling precision or intricate parts. Ideal for pipe, valve, worn equipment repair, tool making, holding apparatus, metal forming molds and so on.

Bottle **Box/Pcs** **Art. No.**
500 g 10 W200 061
Resin + Hardener





METAL COATING & MAINTENANCE AEROSOLS

ALUMINUM CHROME SPRAY



It provides aluminum coating with bright chrome effect. Provides excellent adhesion on metal, ceramic, wood and glass. Application surfaces must be clean, dry and free from oil, rust and other contaminations. Shake well before using, for about 1 minute until ball moves freely. Hold can upright spray from 10-12 inches away. It can be used in boiler production plants, ventilation and pipe installations as well as in furnaces.

Bottle 400 ml
Box/Pcs 12
Art. No. W140 441

ZINC SPRAY (LIGHT)



Provides protection against long-term corrosion in metals. It is a dry film product with over 90% zinc compounds. Suitable for repairing damaged galvanized sheet, coating, drilling, cutting and spot welding applications. It can also be applied as a protective primary coating for parts exposed to moisture. It has a +300°C (+572°F) temperature resistance. Shake well before using, for about 1 minute until ball moves freely. Hold can upright spray from 10-12 inches away.

Bottle 400 ml
Box/Pcs 12
Art. No. W140 443

ALUMINUM SPRAY



Provides heat-resistant corrosion protection for most metal surfaces. Allows excellent protection for corrosion with long lasting effect. It has more than 90% layered zinc compounds. Shake well before using, for about 1 minute until ball moves freely. Hold can upright spray from 10-12 inches away. It can be used for protection against corrosion in industrial areas, protection in heating, cooling and ventilation systems, repair of galvanized parts.

Bottle 400 ml
Box/Pcs 12
Art. No. W140 440

ZINC SPRAY (DARK)



Corrosion preventive dry film product with high metallic zinc content. It is a general purpose guard for surfaces which are required to be protected against corrosion. Can be painted over, resistant to salt water. Typical applications are steel and construction, engineering, shipbuilding and welding. Shake well before using, for about 1 minute until ball moves freely. Hold can upright spray from 10-12 inches away.

Bottle 400 ml
Box/Pcs 12
Art. No. W140 444

COPPER SPRAY



Weather resistant, copper colored protective spray. It is used for coating and protection of parts subject to heavy work load. It provides aesthetic application especially for copper, yellow and brass parts. Can be used on all metal parts and other materials. Shake well before using, for about 1 minute until ball moves freely. Hold can upright spray from 10-12 inches away.

Bottle 400 ml
Box/Pcs 12
Art. No. W140 442

ZINC PASTE (ZINK)



It contains 96% by weight of zinc and 99% of purity. Single component. It can be applied as topcoat protection on aluminum surfaces or on the old galvanized layers. Provides cathodic protection. Complies with ISO 3549 and ASTM A780. Before application, it should be mixed thoroughly with a suitable mixer until it becomes homogeneous inside the box. It provides 40 to 60 µ thickness in single coat application.

Bottle 1 kg
Box/Pcs 6
Art. No. W140 620



MOISTURE PROTECTION SPRAY



Repels moisture and water from the surface. Creates transparent colored protective film against corrosion. Protects electrical installations, electrical devices, engines and machines, hand tools and weapons from moisture damage. It is easily used in places where humidity and humidity are intense. Ex. Food industry, industrial kitchens, beverage filling factories, workshops and workshops, etc.

Bottle 400 ml
Box/Pcs 12
Art. No. W150 166

METAL COATING & MAINTENANCE AEROSOLS

INOX SPRAY (LIGHT)



Wear resistant inox coating. Used for repairing damaged stainless steel parts. Provides protection against corrosion in severe weather conditions. It is an effective surface coating for many metals as well as plastics. Shake well before using, for about 1 minute until ball moves freely. Hold can upright spray from 10-12 inches away.

Bottle	Box/Pcs	Art. No.
400 ml	12	W140 448

BLACK EXHAUST SPRAY



Protects metal surfaces against heat, scratching, deterioration and friction. Provides protection in pipelines, metal structures and undercarriages. It is also used for retouching iron, steel and aluminum wheels to correct defects and to cover light scratches. Shake well before using, for about 1 minute until ball moves freely. Hold can upright spray from 10-12 inches away.

Bottle	Box/Pcs	Art. No.
400 ml	12	W150 110

INOX SPRAY (DARK)



Strong durability to weather conditions. Heat resistance up to 280°C (536°F). It provides very good adhesion to metal, wood, glass, stone etc. Protects against friction and scratches. Stainless steel color. Shake well before using, for about 1 minute until ball moves freely. Hold can upright spray from 10-12 inches away.

Bottle	Box/Pcs	Art. No.
400 ml	12	W140 447

MOLD PROTECTANT SPRAY



Does not contain metal. Resistant to corrosion, steam and water. Provides long-lasting coating. Forms a permanent dry film that is insoluble in water. It is used for maintenance, repair and lubrication in water contact environments. Ideal for all motor vehicles, repair shops and maintenance shops. Shake well before using, for about 1 minute until ball moves freely. Hold can upright spray from 10-12 inches away.

Bottle	Box/Pcs	Art. No.
400 ml	12	W150 170

INOX LIQUID



One component, fast drying resin based paint. Ideal for semi-matt and topcoat applications. It is very useful in metal industry due to long-term strength and adhesion character.

Bottle	Box/Pcs	Art. No.
30 lt	Gallon	W140 610

CORROSION PROTECTION SPRAY



Repels water and moisture from surfaces due to high penetration effect. Ideal for corrosion protection of processed surfaces. It is used for long-term protection of metal surfaces in workshops, precision equipment, measuring instruments, and in stock-carrying enterprises. Shake well before using, for about 1 minute until ball moves freely. Hold can upright spray from 10-12 inches away.

Bottle	Box/Pcs	Art. No.
500 ml	12	W160 117

LIQUID SEALING WAX



It forms a wax layer resistance to water and salt water vapor where it is applied. It is easy to remove from surfaces. It provides protection against corrosion especially in overseas loads. It is also suitable for long-term protection of machines and tools. The surface to be used must be clean and dry. Can be applied by brush.

Bottle	Box/Pcs	Art. No.
30 lt	Gallon	W140 621





METAL COATING & MAINTENANCE AEROSOLS

BRASS COATING SPRAY



Gold-plated, weather and brass-resistant brass coating. Used in painting and decoration. It is preferred for aesthetic application in gold colored items. It can also be used to cover weld marks. Shake well before using, for about 1 minute until ball moves freely. Hold can upright spray from 10-12 inches away.

Bottle 400 ml
Box/Pcs 12
Art. No. W140 450

STAINLESS MAINTENANCE SPRAY



Cleaning, maintenance and protection of all stainless steel surfaces. It removes rust and water marks and prevents the formation of fingerprints. Provides general purpose polishing and protection on stainless surfaces. It can be used for sanitary cleaning in kitchen, hotel, airport and industry. After application, polish the surface with a clean cloth. See product label for details.

Bottle 400 ml
Box/Pcs 12
Art. No. W150 159

WINPLAST PLASTIC GUARD SPRAY



It is a varnish that provides plastic protection and prevents corrosion. When applied, it forms a flexible and impermeable layer. If necessary, it can be easily peeled off from the surface. Blue color provides visual control. Used in all plastics and elastomers. It can also be applied to protect metal materials during production, storage or transportation. Shake the tube thoroughly before use.

Bottle 400 ml
Box/Pcs 12
Art. No. W160 113

STAINLESS STEEL MAINTENANCE SPRAY



Provides protection and maintenance on all stainless steel surfaces. It is effective in removing rust and waterborne stains and cleaning fingerprints. Used for cleaning and polishing industrial equipments.

Bottle 400 ml
Box/Pcs 12
Art. No. W150 152

BLACK MATT SPRAY



Quick drying black spray paint with excellent adhesion. It is used to provide sporty appearance in vehicles and motorbikes. Also can be used for decorative purposes in display stands and exhibition stands. Application surfaces should be dry and clean. For a matte finish, wipe with a lint-free cloth or towel 30 seconds after application. Allow to dry for 2-3 minutes for bright appearance. Shake well before using, for about 1 minute until ball moves freely.

Bottle 400 ml
Box/Pcs 12
Art. No. W150 120

SEALING WAX SPRAY



It forms a wax layer resistant to water and salt water vapor where it is applied. It is easy to remove from surfaces. It provides protection against corrosion especially in overseas loads. It is also suitable for long-term protection of machines and tools. The surface to be used must be clean and dry.

Bottle 400 ml
Box/Pcs 12
Art. No. W160 106



ANTI-SEIZES

ANTI SEIZE COPPER ASSEMBLY PASTE

Fully synthetic lubricant. It is an assembly paste that contains copper particles. Prevents clamping of moving parts. Works under high temperature and pressure. Resistant to pressure washing.

Color : Copper
NLGI Category : 2
Operating Temperature: -20°C +1700°C
 -4°F +3092°F



Bottle	Box/Pcs	Art. No.
1 kg	12	W150 202

ANTI SEIZE COPPER SPRAY

Fully synthetic lubricant. It is an assembly paste that contains copper particles. Prevents clamping of moving parts. Works under high temperature and pressure. Resistant to pressure washing. It is resistant to water, gasoline, oil, grease and gases. Provides remote application on moving parts that are difficult or impossible to remove.

Color : Copper
NLGI Category : 2
Operating Temperature: -100°C +1200°C
 -148°F +2192°F



Bottle	Box/Pcs	Art. No.
400 ml	12	W160 101

ANTI SEIZE CERAMIC ASSEMBLY PASTE

It is an excellent assembly paste enriched with ceramic particles. Water repellent, excellent adhesion to surfaces. It gives excellent results in connections, bearings, chain systems and pressure devices exposed to high temperature and pressure.

Color : Off-White
NLGI Category : 2
Operating Temperature: -20°C +1700°C
 -4°F +3092°F



Bottle	Box/Pcs	Art. No.
1 kg	12	W150 200

ANTI SEIZE CERAMIC SPRAY

Metal and graphite-free spray assembly paste. It provides efficient lubrication due to ceramic structure. Resistant to gas, salt, acid and solutions. Provides friction-induced adhesion for heavy rolling bearings and sliding surfaces, also prevents from corrosion.

Color : Off-White
NLGI Category : 2
Operating Temperature: -40°C +1700°C
 -40°F +2552°F



Bottle	Box/Pcs	Art. No.
400 ml	12	W160 200

ANTI SEIZE METAL ASSEMBLY PASTE

It is an assembly paste with heavy metal and silicone-free metal additives. Excellent protection against fresh-salt water, steam, gas, acid, solutions and gasoline.

Color : Gray
NLGI Category : 2
Operating Temperature: -20°C +1700°C
 -4°F +3092°F



Bottle	Box/Pcs	Art. No.
1 kg	12	W150 219

ANTI SEIZE METAL SPRAY

It is a spray assembly paste with heavy metal and silicone-free metal additives. Excellent protection against fresh-salt water, steam, gas, acid, solutions and gasoline.

Color : Gray
NLGI Category : 2
Operating Temperature: -40°C +1200°C
 -40°F +2192°F



Bottle	Box/Pcs	Art. No.
400 ml	12	W160 100



LUBRICANTS

MOS₂ DRY LUBRICATION SPRAY



Provides dry film lubrication in equipment with slip friction. MoS₂ additive reduces friction in heavy duty systems. For best results, it is important that the application surfaces are clean and dry.

Bottle
400 ml

Box/Pcs
12

Art. No.
W160 109

GUN CARE LUBRICANT SPRAY



It is a multipurpose spray lubricant. Protects equipment against corrosion, lubricates and cleans. It facilitates the disassembly of rustproof parts. Typically, it is ideal for trouble-free operation of the mechanisms of rifles and pistols.

Bottle
150 ml

Box/Pcs
24

Art. No.
W160 111

PTFE DRY LUBRICATION SPRAY



Colorless, PTFE dry lubricant for metals, rubber, plastics and other materials. Ideal for applications where grease cannot be used due to contamination and aesthetics. Suitable for use in the electrical, plastic, textile and automotive industries.

Bottle
400 ml

Box/Pcs
12

Art. No.
W150 130

MULTI-PURPOSE OIL (H1)



NSF H1 (157453) approved spray lubricant for use in food processing equipment. It penetrates the surfaces very well and repels water and moisture from the surface. Provides protection against corrosion.

Bottle
400 ml
a

Box/Pcs
12

Art. No.
W150 221

FOOD LUBRICATION SPRAY



NSF H1 approved lubricant for direct contact with food or food processing processes. Extends service life, especially in expensive equipment that is in danger of wear due to friction.

Bottle
400 ml

Box/Pcs
12

Art. No.
W 160 105

CHAIN AND ROPE CARE SPRAY



It forms a flexible protection layer against corrosion. Resistant to abrasion and pressure. Resistant to water and moisture. It produces a solution that does not collect jam and dirt in the moving mechanisms where greases cause problems. Prevents bimetal corrosion. Ideal for moving equipments, especially gear mechanisms, chains etc. With excellent penetration effect, it descends to the center of chain link and makes homogeneous lubrication.

Bottle
400 ml

Box/Pcs
12

Art. No.
W160 115



CHAIN CARE SPRAY



Ideal for cleaning and maintaining chain systems that damaged by improper lubrication. It has superior penetration ability. It proceeds towards the center of the surfaces it is applied and makes effective lubrication. Resistant to water and moisture. Prevents bimetal corrosion. It is especially used for the maintenance of chained equipment such as forklift chains that require periodic maintenance and to extend the service life.

Bottle
400 ml

Box/Pcs
12

Art. No.
W160 116

LUBRICANTS



SILICONE SPRAY

Silicone spray has a good release and lubrication characteristics. It removes moisture and protects elastomer materials against freezing. It prevents adhesion and abrasion and reduces the noise caused by friction.

Bottle 500 ml	Box/Pcs 12	Art. No. W160 112
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MULTI SIGNUM SPRAY

Mineral based 5-function spray lubricant; protects against corrosion, oils, cleans, removes rust and removes moisture. Due to its special formula and versatility, it can be used in many applications. For example; lubrication in hinges and guide pins, opening of latched connections, removing of water and moisture from electronic devices etc.

Bottle 150 ml 400 ml	Box/Pcs 12 24	Art. No. W160 110-150 W160 110
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SILICONE SPRAY (H1)

Silicone spray has a good release and lubrication characteristics. It removes moisture and protects elastomer materials against freezing. It prevents adhesion and abrasion and reduces the noise caused by friction. It is the ideal lubricant for all equipments that wear out and lose efficiency as a result of friction in the food industry.

Bottle 500 ml	Box/Pcs 12	Art. No. W160 119
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MULTI SIGNUM LIQUID

Mineral based 5-function liquid lubricant; protects against corrosion, oils, cleans, removes rust and removes moisture. Due to its special formula and versatility, it can be used in many applications. For example; lubrication in hinges and guide pins, opening of latched connections, refining of water and moisture from electronic devices etc.

Bottle 5 lt 30 lt	Box/Pcs Gallon Gallon	Art. No. W140 609-5 W140 609-30
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SILICONE LIQUID

Especially for plastic and rubber surfaces for protection and lubrication purposes. It can also be used as a separator in molds. Typical applications: protection of electrical connections against moisture, protection and lubrication of parts such as bumpers, slats, plastic rails, door profiles, rubber bellows and hoses, prevention of wear on plastic parts and noise reduction.

Bottle 25 lt	Box/Pcs Gallon	Art. No. W150 209
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HIGH TEMP RESISTANT CHAIN OIL

It provides effective lubrication by penetrating into the metal on the applied surface. Prevents from corrosion, jamming, bimetallic corrosion and noise problems due to incorrect lubrication. It does not migrate from the applied surface. Resistance up to + 250°C (482°F). Particularly suitable for high-speed chains and ropes.

Bottle 30 lt	Box/Pcs Gallon	Art. No. W600 540
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GREASES

SILICONE GREASE

Silicone grease used for filling and lubrication in combination of plastic, metal and rubber materials. Odorless. Delays dirt and moisture, reduces noise. Usually used for maintenance of O-ring seal groups, prevents loosening.



Bottle	Box/Pcs	Art. No.
100 g	50	W 150 211
1kg	6	W 150 210-1
25kg	-	W 150 211-25

HIGH TEMP. GREASE 400°C (752°F)

Significantly reduces friction with rich MoS₂ content. It is successfully used in equipment operating under heavy load and where friction wear causes problems. Ideal for moving parts in the industrial, automotive and textile industries. It has 400°C (752°F) heat resistance.



Bottle	Box/Pcs	Art. No.
1 kg	12	W150 217
18 kg	-	W150 217-18

MULTI PURPOSE FOOD GREASE

It is a food approved grease used for lubrication and corrosion prevention in parts in contact with food. Transparent and odorless. Resistant to water, salt water and steam. Prevents friction, wear and corrosion. Extends the service life of the equipment in all food operating processes.



Bottle	Box/Pcs	Art. No.
1kg	12	W 150 204-1
18kg	-	W 150 204-18

HIGH TEMP. GREASE 700°C (1292°F)

Significantly reduces friction with rich MoS₂ content. It is successfully used in equipments that operated under heavy load and where friction wear causes problems. Ideal for moving parts in the industrial, automotive and textile industries. It has 700°C (1292°F) heat resistance.



Bottle	Box/Pcs	Art. No.
1 kg	12	W150 218
16 kg	-	W150 218-16

MULTI PURPOSE BALL-BEARING GREASE

A general purpose bearing grease with lithium soap containing EP additives. Resistant to washing with water. Provides long-term lubrication where applied. Minimizes corrosion and wear. Ideal for lubrication of systems operating under extreme pressure, heavy and vibrating loads.



Bottle	Box/Pcs	Art. No.
1 kg	9	W150 206
16 kg	-	W150 205-16

LITHIUM WHITE GREASE SPRAY

Suitable for metals as well as engineering plastics. Does not contain metal. Due to its lithium content, it is resistant to salt water and steam. Provides long-term protection against corrosion. Provides remote application on parts that are difficult or impossible to reach.



Bottle	Box/Pcs	Art. No.
400 ml	12	W160 108

MULTI PURPOSE CARTRIDGE GREASE

It is a general purpose bearing grease that ensures safe and long-term lubrication of heavy loads and reduces friction and wear. Can be pumped with standard grease pumps that supply oil to the systems. The bearing manufacturer's instructions must be followed when operating.



Bottle	Box/Pcs	Art. No.
400 g	12	W150 220

MoS₂ CAM WHEEL SPRAY (400°C) (752°C)

Creates a friction-resistant elastic protection layer. Repels water from the surface and protects against corrosion. Resistant to washing with pressurized water. It is used for chain, machine and gear etc. lubrication. Minimizes noise and friction. Shake well before using, for about 1 minute until ball moves freely.



Bottle	Box/Pcs	Art. No.
400 ml	12	W160 104

GREASES



WW3000 LIQUID GREASE SPRAY

It is a semi-synthetic lubricant spray. Salt water resistant lubricant. Lubricates and protects parts exposed to high pressure, shock and vibration. It can be used in moving points in brake or fuel lines and in many points for industrial purposes.

Bottle
500 ml

Box/Pcs
12

Art. No.
W160 114



WW3000 LIQUID GREASE

It is a semi-synthetic lubricant spray. Salt water resistant lubricant. Lubricates and protects parts exposed to high pressure, shock and vibration. It can be used in moving points in brake or fuel lines and in many points for industrial purposes. For bulk usage.

Bottle
30 lt

Box/Pcs
Gallon

Art. No.
W150 213





METAL-WORKING FLUIDS



METAL WORKING OIL/SPRAY

Used for machining soft metals such as copper and aluminum. Minimizes cutting tool consumption in all kinds of drilling, cutting and tapping applications. Low viscosity, fast cooling. Provides protection against oxidation of parts after treatment.

Bottle	Box/Pcs	Art. No.
400 ml	12	W160 103



SYNTHETIC COOLANT

It is a non-foaming white emulsion liquid in soft and hard water. Resistant to bacterial growth and odor formation. Designed for machining all types of ferrous and non-ferrous metals. It is concentrated. It is mixed with water in a certain ratio according to the type of metal to be used.

Bottle	Box/Pcs	Art. No.
20 LT	Gallon	W150 208-20
30 LT	Gallon	W150 208-30



WINCUT METAL WORKING OIL

Aluminum, stainless steel and all steel surfaces, surface machining, threading, tapping etc. Excellent coolant for applications. Minimizes friction and extends the life of cutting tools. Not recommended for yellow and copper surfaces.

Bottle	Box/Pcs	Art. No.
460 ml	12	W150 214-460
5 lt	4	W150 214-5
30 lt	Gallon	W150 215-30



GRINDING LIQUID

It is a synthetic lubricant developed for grinding iron and steel. Excellent cooling and rust prevention provides clean working surfaces. Increases grinding accuracy. The anticorrosive feature provides additional protection of machined parts in turning/milling and threading/profile applications.

Bottle	Box/Pcs	Art. No.
30 LT	Gallon	W150 212-30



WINPASTE (METAL WORKING PASTE)

High alloy carbon types, chromium-nickel alloys, stainless and heat resistant alloys, titanium, manganese, cast steel, cast iron and so on. Ideal for leveling operations such as tapping, drilling, turning and cutting metals. Due to its paste form, it provides long-term cooling and lubrication where it is applied.

Bottle	Box/Pcs	Art. No.
500 g	6	W150 216



EROSION OIL

The erosion oil ensures the perfect working of the part in wire erosion processes. Particularly suitable for precision and fine detail parts. It provides the most suitable dielectric feature in EDM (Electro Discharge Machining) processes. Low volatile. Creates little smoke. It can also be applied by immersion method.

Bottle	Box/Pcs	Art. No.
60 kg	Gallon	W 150 203



METAL WORKING OIL

It is a cutting fluid developed for soft metals, brass and its alloys. Provides a precise machining surface for soft metals with superior cooling effect. Increases the efficiency and service time of cutting tools.

Bottle	Box/Pcs	Art. No.
5 LT	Gallon	W150 207-5
30 LT	Gallon	W150 207-30



RUST REMOVERS & DETECTING PRODUCTS

ICE RUST REMOVER SPRAY



Resolves rusty connections quickly and easily. It makes the rust on the metal surface brittle by its cooling effect. No waiting required. It reaches even the finest gaps on the surface to which it is applied. No residue.

Bottle	Box/Pcs	Art. No.
400 ml	12	W160 102

CRACK DETECTING SPRAY



Enables non-destructive crack control on surfaces. It is a set which is applied gradually in 3 different colors. Suitable for all industries. It is especially used for the detection of cracks after welding.

Bottle	Box/Pcs	Art. No.
500 ml (Set)	-	W150 141
500 ml	12	W150 142-Red
500 ml	12	W150 143-White
500 ml	12	W150 144-Green

SMOKE DETECTING SPRAY



Tests the capacity of smoke detectors quickly and safely without the need for additional test equipment. The spray product does not leave any residue and does not cause pollution. Provides reliable control in industrial facilities, service buildings or homes.

Bottle	Box/Pcs	Art. No.
200 ml	12	W150 145

LEAK DETECTING SPRAY



Recommended for the detection of leaks in natural gas connections and air lines. Typical application areas: pipes, hoses, valves, threaded or welded connections, pressure containers, compressors, etc. Non-flammable. It does not interact with gases such as propane, butane, acetylene, natural gas, nitrogen, compressed air, hydrofluorocarbon. Do not use with oxygen.

Bottle	Box/Pcs	Art. No.
500 ml	12	W150 150

RUST REMOVER LIQUID



Versatile mineral based lubricant with special formula. Repels moisture and water where it is applied. It penetrates the rust layer and breaks the bonds between the rust molecules. Due to its liquid form, it can be applied by brush or dipping method.

Bottle	Box/Pcs	Art. No.
5 LT	Gallon	W140 613-5
30 LT	Gallon	W140 613-30

PENETRATING RUST REMOVER



Mineral based rust remover with excellent penetration. MoS₂ content reduces friction. Provides long-term and effective corrosion protection. It allows removal of extremely rusted and oxidized moving parts

Bottle	Box/Pcs	Art. No.
200 ml	24	W160 120
400 ml	24	W160 170

SURFACE RUST CLEANER



It allows easy removal of rusted connections due to corrosion. If the surfaces are free from coarse dirt before application, the effect and speed of effect of the product on rust problem increases. It does not allow the formation of rust on the surfaces it is applied.

Bottle	Box/Pcs	Art. No.
30 LT	Gallon	W140 617



SPECIAL PURPOSE PRODUCTS

ANTISTATIC SPRAY



The product forms an anti-static layer on plastic, metal, leather and wood surfaces. The protective layer is resistant to corrosion and moisture. Used as lubricant in rails, conveyor belts, hinges, plain bearings etc. It is a good separator especially for plastic and metal forms. It has a protective effect against aging of plastic and rubber parts and gaskets.

Bottle	Box/Pcs	Art. No.
400 ml	12	W150 140

COOLING SPRAY



Thanks to its special content, it cools the surfaces it is applied to -50 ° C in a short time. It reduces the repair time and saves time by rapidly cooling the hot parts in case of urgent intervention of hot parts. Can be used in industrial areas and electronics.

Bottle	Box/Pcs	Art. No.
500 ml	12	W170 121

GAS METAL ARC WELDING SPRAY



It is applied to the area to be welded and prevents the burrs that appear during welding to stick to the surface. It can also be applied to protect the welding torch. Silicone and acid-free.

Bottle	Box/Pcs	Art. No.
400 ml	12	W150 147

INSULATING VARNISH SPRAY



It is an insulating varnish resistant to bad weather and corrosion, which forms a water-resistant protective layer. It meets DIN 53482 standard with high insulation value. Particularly suitable for hard to reach places. It can be used in repair and maintenance workshops of electronic products, furniture repairs and hobby purposes (artworks, model making, sports, hand tools, etc.).

Bottle	Box/Pcs	Art. No.
400 ml	12	W150 148-Red
400 ml	12	W150 149-Transparent

SILICONE FREE MOULD RELEASE SPRAY



Formulated as a mold release agent in metal injection molds. Ensures smooth separation of metal and plastic. Since it does not contain silicone, it does not leave oil residue on molded parts.

Bottle	Box/Pcs	Art. No.
400 ml	12	W150 154

ADHESIVE SPRAY



Synthetic rubber based, very high adhesion strength spray contact adhesive. Typical applications: Handicrafts, industry and automobile workshops; paper, cardboard, polystyrene, metal, many plastic, foam, wood, fabric, insulation mats etc.

Bottle	Box/Pcs	Art. No.
500 ml	12	W150 158



WINZOL SEALANT SPRAY



It is a protective coating with rubber content that can be used to fill and seal leaks, cracks. It creates a waterproof, flexible sealing film on metal, aluminum, PVC, wall, bitum, construction materials, fiberglass and similar materials.

Bottle	Box/Pcs	Art. No.
500 ml	12	W150 304-Black
500 ml	12	W150 305-Gray
500 ml	12	W150 306-White

SPECIAL PURPOSE PRODUCTS

TORCH AND WELD CLEANING LIQUID



It has been developed especially for welding processes in containers, wagons and shipbuilding. Depending on the intensity of the welding work applied, it is sufficient to apply it once or twice a day. It effectively protects torches as well as surfaces.

Bottle
25 lt

Box/Pcs
Gallon

Art. No.
W140 616

CERAMIC WELD AND TORCH PROTECTION SPRAY



Prevents welding burrs from sticking to the surface and torches in MIG / MAG welding and in all types of plasma and laser cutting. It provides long-term protection and extends the re-application period. White color.

Bottle
400 ml

Box/Pcs
12

Art. No.
W150 303

INCOMBUSTIBLE ADHESIVE LIQUID



Fast contact adhesive for insulation and bonding of flooring materials to various surfaces. It produces fast solutions for series assembling of materials such as furniture, mattress, ventilation duct, cabin insulation, sponge, fiber, artificial leather, wood and metal parts. Product is applied to surfaces mutually. After waiting 2-3 minutes, the surfaces are pressed firmly.a

Bottle
30 lt

Box/Pcs
Gallon

Art. No.
W200 130

V-BELT SPRAY



Developed for maintenance of all flat, axial and V belts made of PVC, rubber and leather. It feeds the belt, reduces the noise and keeps the belt on the pulley axis. As it provides protection against abrasion, it increases the belt's pulling force and efficiency.

Bottle
400 ml

Box/Pcs
12

Art. No.
W150 157





PARTS, SURFACE AND HAND CLEANERS



GENERAL CLEANING SPRAY

Cleans oil, dirt, soot and resin on all metals, glass, ceramics and wood quickly and without any trace. It has the ability to penetrate even the finest gaps. Not suitable for plastic and rubber.

Bottle
500 ml

Box/Pcs
24

Art. No.
W170 104



PRESSURED CLEANING SPRAY (NON-FLAMMABLE)

Dry and thorough cleaning spray for sensitive parts that are difficult to reach. It is especially used for sensitive cleaning of electronic devices. The product is dual function; When applied upside down acts as a coolant spray..

Bottle
400 ml

Box/Pcs
12

Art. No.
W170 102



MULTI PURPOSE CLEANING SPRAY (H1/K1)

Perfectly cleans oil and grease in the food industry where there is no direct contact with food.

Bottle
500 ml

Box/Pcs
12

Art. No.
W170 126



LABEL DISSOLVING SPRAY

Removes adhesive residues, labels, resin, tar and most stubborn dirt from the surfaces of metal, glass, ceramics, porcelain, enamel and all synthetic materials. Cleans without residue.

Bottle
400 ml

Box/Pcs
12

Art. No.
W170 103



STRIPPER SPRAY

A strong remover product that allows you to clean all kinds of glue and sealant residues without scratching the surfaces and sensitizing them. It is not recommended for use in sensitive plastics and PVC. The performance increases when the application surface is first free from coarse dirt and subsequently applied to the product.

Bottle
400 ml

Box/Pcs
12

Art. No.
W170 100



CONTACT SPRAY (DRY FILM)

Effectively removes dirt that may form an arc on the contacts of electrical parts. It provides safe use in electronic devices for cleaning and maintenance purposes. It forms a dry film that repels moisture and water after application.

Bottle
400 ml

Box/Pcs
12

Art. No.
W170 109



FOAMY CLEANER SPRAY

Removes oil, nicotine, insect residues and fingerprints from all surfaces. It provides deep cleaning by hanging on the surfaces it is applied with foam form.

Bottle
400 ml

Box/Pcs
12

Art. No.
W170 112



CONTACT SPRAY (WET FILM)

Mineral oil based organic solvent developed for cleaning electronic boards and sockets. Purifies contacts, fuses, cable connections from oxidation and dirt. Repels water and moisture. Forms a wet film on the surface after application.

Bottle
400 ml

Box/Pcs
12

Art. No.
W170 108

PARTS, SURFACE AND HAND CLEANERS

LCD CLEANING SPRAY



It provides effective cleaning to LCD, screen devices, keyboards, printers, copiers from oil, nicotine, dust and other residues.

Bottle 400 ml
Box/Pcs 12
Art. No. W170 110

AIR CONDITIONER CLEANING SPRAY



An effective cleaner that prevents fungus formation for internal cleaning of air conditioners. Effectively removes odors in air conditioners that have not been used for a long time.

Bottle 200 ml
Box/Pcs 12
Art. No. W170 118

STRAIN REMOVER SPRAY



It removes stains from almost all fabric surfaces including silk without any problem and without any trace. Repeated application may be required depending on the type and density of the stain.

Bottle 400 ml
Box/Pcs 12
Art. No. W170 111

PHOSPHATE FINISH



Cleaner used for degreasing from metals such as iron, steel, brass and aluminum. In addition to cleaning surfaces, it prepares surfaces before wet or powder coating.

Bottle 30 lt
Box/Pcs Gallon
Art. No. W140 604

WINOL INOX PASTE

General purpose cleaning and maintenance paste. Removes dirt, lime and yellowing residues in one step. Provides industrial performance in kitchens, bathrooms, garden furniture and many other places.



Bottle 300 gr
Box/Pcs 36
Art. No. W170 123

DECALCIFIER LIQUID

It is developed for cleaning lime residues in pipes such as copper and aluminum etc. in cooling towers. It is very effective in removing residues in heating and cooling systems (eg heat exchanger). It can be diluted to different concentrations according to the degree of dirt. Please see TDS for dilution rates.



Bottle 30 ml
Box/Pcs Gallon
Art. No. W140 605

WINOL UNIVERSAL BIO CLEANER



It is a water-based cleaner used to remove dirt, oil and ink from any surface. It is biodegradable. The concentrated product can be diluted with water according to the type of surface and dirt to be cleaned and customized for the intended use. Please see TDS for dilution rates.

Bottle 1 lt, 5 lt, 30 lt
Box/Pcs 9, 1, Gallon
Art. No. W170 120-1, W170 120-5, W170 120-30





PARTS, SURFACE AND HAND CLEANERS

PLASTIC INJECTION FURNACE CLEANING

Cleans the mold in injection molds, plastic raw material in different colors. Eliminates color-induced problems in future printing. The product is mixed with plastic raw material. When feeding the system, it is effectively cleaned not only the mold surface but also the runners.



Bottle 1 lt
Box/Pcs 1
Art. No. W800 655

PART CLEANER INCOMBUSTIBLE

Solvent-based cleaner that moves away quickly from the surface. It produces fast solutions in enterprises that need effective cleaning in a short time. It can also be applied with a brush or cloth on very dirty surfaces. Since it does not create a risk of burning, it is used especially for fast cleaning of large surface parts.



Bottle 30 lt
Box/Pcs Galon
Art. No. W140 612

ALUMINIUM CLEANER

It is a maintenance and polishing material on all metal surfaces including aluminum and stainless steel. Delays stain formation on surfaces. It is used on refrigeration equipments and other surfaces that do not contact food directly.



Bottle 30 lt
Box/Pcs Galon
Art. No. W140 600

PART CLEANER LIQUID

Provides cleaning of grease, tar and other oils without excessive effort. It is particularly effective in cleaning brake fluid, oil and grease as well as removing dust from automobile components.



Bottle 60 lt
200 lt
Box/Pcs Galon
Barrel
Art. No. W140 611-60
W140 611-200

STAINLESS POLISHING AND PROTECTION LIQUID

Liquid product for cleaning and maintenance of stainless steel, chrome, nickel and alloy metal surfaces. While it easily removes stains such as dirt and fingerprints, it delays contamination and provides brightness with the film layer it creates.



Bottle 30 lt
Box/Pcs Galon
Art. No. W140 614-30

TORCH AND WELD CLEANING LIQUID

It is the weld protection liquid that developed for welding processes used in container, wagon and shipbuilding. Depending on the welding technique and welding time used, several days of separation performance can be achieved in one application. It prevents welding burrs from sticking and provides protection on torches and extends service time.



Bottle 25 lt
Box/Pcs Galon
Art. No. W140 616



PARTS, SURFACE AND HAND CLEANERS

WETOX WELD CLEANING GEL

Gel-form cleaner used for cleaning surfaces after stainless welding. It does not allow yellowing and rust formation in any way. It is especially ideal for the production of industrial kitchen equipments. It is applied to surfaces with the help of a brush.



Bottle 2 kg
Box/Pcs 6
Art. No. W140 618

NATURAL HAND CLEANSING CREAM

Silicone-free hand cleansing cream that provides protection and care for all skin types. Clinically tested and does not cause problems with food contact. Citrusy fragrance. Supplied with dispenser box for ergonomic use.



Bottle 2 lt
Box/Pcs 6
Art. No. W140 627

SP-K STAINLESS SURFACE CLEANER

It removes weld marks, oxide layer, dirt and oil especially on stainless metal surfaces. It can be applied by spraying on surfaces. Interacts within 30-60 minutes depending on the degree of pollution. After cleaning, rinse with water.



Bottle 20 lt
Box/Pcs Gallon
Art. No. W140 619

SKIN CARE AND PROTECTION LOTION

A care and protection lotion that does not cause an allergic reaction. Due to its safe structure, it can be used on hands, face, arms and legs. For professional use only.



Bottle 1 lt
Box/Pcs 6
Art. No. W140 626

WINOL GLANZ (METAL POLISHER)

It is used for cleaning, maintenance, protection and polishing of all pure metals. Not suitable for anodized metals. Non-toxic and exclusive content does not disturb the skin. Delays stain formation in metals. It can be used on all metals as well as on fiberglass, painted surfaces and worn coatings.



Bottle 150 ml
Box/Pcs 50
Art. No. W140 623

HIDDEN GLOVES

It is designed to prevent direct skin contact with oil and water-soluble substances such as detergent, acid, oil, grease, coolant, cutting oils, drilling emissions, adhesives. Small amount of product is taken pre-work and applied to hands by rubbing. It must be cleaned properly at the end of the work. The use of natural hand cleansing cream is recommended.



Bottle 1 lt
Box/Pcs 6
Art. No. W140 628

HAND CLEANING CREAM

It is a hand cleaning product developed for cleaning stubborn dirt, oil and tar residues. Its pumice stone granules allow deep cleansing without irritating the skin. The product is ideal for waterless hand cleaning. Requires rinsing before contact with any food. It can be used for effective cleaning of equipment surfaces as well as hand cleaning.



Bottle 500 ml
Box/Pcs 1
Art. No. W140 601
3 lt 6 W140 602
30 lt 1 W140 603







Home Page

Produkte

Privat Label

Unternehmen

Ready/Gas

Kontakt

Impressum



WINKEL GmbH



UNTERNEHMEN



PRODUKTE



NSF Certified

automechanika
FRANKFURT

Besuchen Sie uns auf der:

11. - 15. September 2018
Frankfurt am Main
Halle 11.01 Stand A42



