

HUPchemie



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... convincing solutions



Construction Glue HUPfix+

Application HUPfix+:

Gluing of metal, wood and synthetic materials in electrical sectors, building, furniture manufacture, container construction, metal work, machinery, air conditioning, yacht/boat construction, body-work, vessel construction and construction of window and door frames. Suitable in applications where silicones can not be used. An adhesive with a grab and bond strength so good it can be classed as the ultimate performance adhesive. With HUPfix+ it is possible to glue heavy materials like cables, stone, wood, tiles and metals on ceilings and walls, where other common glues fail.

Characteristics:

The materials which needs to be glued, must be clean, free of oil and grease. Apply the HUPfix+ on one side, place the material to be glued together and press firm. Direct adhesion. Skinning time after 10 till 20 minutes. Curing 3 mm/24 hours. Shelf life: 12 months. Temperature resistance: -40 till +100°C (130°C short-term up to 2-3 hours). Application temperature: +5 till +40°C.



Art. no.	ml		kg	PU
170206	310	Adhesion+Sealing	0,450	1

Construction Adhesive HUPmount

How to use HUPmount:

Used to joint wood, plywood, fibreboard, MDF, laminated boards, metals, aluminium, natural stone, artificial stone such as Corian® and Varicor, cement, marble, ceramics, acrylic, plastics, plasterboard, polystyrene, hard foam, insulation and many more, for fitting and securing dowels in brickwork.

Properties:

HUPmount is weather-resistant in accordance with DIN EN 204 D4, combines almost all materials, single-component, easy to use, solvent-free, silicone-free, aging-resistant, resistant to many chemicals, good initial adhesion (full load may be applied after approximately 15 minutes), frost-safe, high final durability, suitable for natural stone. Temperature resistant from -30°C to +110°C.



Art. no.	ml		kg	PU
170208	310	Adhesion+Sealing	0,470	1

MS-Polymer HUPfix

How to use HUPfix:

HUPfix is a high-quality adhesive and sealant with an MS polymer base. UV, weather, saltwater and chlorine resistant. Very good adhesion to many surfaces, in most cases, without primer. Hardens quickly. The join must be smoothed immediately after application using acid-free soapy water.

Properties:

Temperature resistant from -40 to +100°C. Processing temperature +5 to +40°C. HUPfix can be used both as adhesive and for grouting. Can be painted.



Art. no.	ml		colour	kg	PU
170216	310	Adhesion+Sealing	transparent	0,300	1
170210	310	Adhesion+Sealing	grey	0,440	1
170212	310	Adhesion+Sealing	black	0,440	1
170214	310	Adhesion+Sealing	white	0,440	1
170218	120	Adhesion+Sealing	white	0,120	1

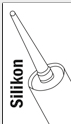
HUPsilicon

How to use HUPsilicon:

For grouting indoors and outdoors, window glazing and sealing of joints in wood, plastic and aluminium windows. Corresponds to DIN 18545 Part 2. Very good adhesion on the majority of usual varnishes and paints.

Properties:

Permanently elastic. Aging, weather and UV resistant. Odour neutral. No early crack formation. Good adhesion on worktops. No surface stickiness. Temperature resistant from -50°C to +150°C. Processing temperature +5°C to +40°C. Skin formation time approximately 10-15 minutes (at 23°C).



Art. no.	ml	colour	kg	PU
170200	310	Adhesion+Sealing transparent	0,450	1
170202	310	Adhesion+Sealing white	0,450	1
170204	310	Adhesion+Sealing grey	0,450	1

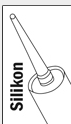
High temperature silicon HUPsilicon

How to use HUPsilicon:

For sealing joints and surfaces in temperature-critical areas (extreme cold and heat). Can be used as coating for solid seals. For sealing drive axle covers, inlet systems, differential covers, gear, front and camshaft bearing covers, thermostat housings, oil pumps, oil tanks, spur-wheel covers, spotlights and street lighting, windscreens, water pumps etc. (not suitable for adherence to PP, PE, Teflon® and bitumen surfaces, or for parts constantly exposed to solvents)

Properties:

Sealing and adhesive mass with a silicone base. Heat stabilised, excellent resistance to UV and weather influences as well as to motor and gear oils, resistant to chemicals, mechanical and environmental influences, resistant to water, salt water, cold, heat, very high flexibility and good adherence on almost all surfaces. Colour: Black. Skin formation time: 10 minutes. Temperature resistance: -40° to +260°



Art. no.	ml	colour	kg	PU
170250	310	black	0,450	1

Cartridge gun

for 310 ml cartridges

- for processing silicone and polymer cartridges



Art. no.	kg	PU
170252	0,450	1

Cartridge gun „Profi“

for 310 ml cartridges

- for processing silicone and polymer cartridges



Art. no.	kg	PU
170254	0,450	1

2 Component High-Performance-Adhesive HUPmega

How to use HUPmega:

Gluing of metal, stone, ceramics, wood and plastic. Simple to use. Extremely high durability. HUPmega is mixed automatically. Within 4 minutes, combine the pieces and wait 24 hours to harden (approximately 75% of the final hardness will be achieved after 2 hours at room temperature).

Properties:

Temperature-resistant: -55°C to +120°C. Open time: approximately 5 minutes. Mechanical processing: After approximately 30 minutes. Final hardness: After 24 hours. Processing temperature: from +10°C to +30°C. Weather-resistant, good media resistance. Storage temperature +6°C to maximum +28°C.



Art. no.	ml	kg	PU
170220	25	0,050	1

Mixing nozzle

- for 2-component adhesive



Art. no.	kg	PU
170234	0,003	1



2 Component-epoxyd glue HUPepoxyd

How to use HUPepoxyd:

Gluing of metal, (hard) plastic, ceramics, glass, porcelain, stone, wood, concrete, rubber and much more. Ideal for gluing tasks with high visual requirements. Clean the surfaces to be glued, open the cap and screw the mixing nozzle into place. Dispose of the first 2 g since this will not be mixed 1:1. Then apply the glue and join the parts. Remove the mixing nozzle and dispose it. Replace the cap. Store open cartridges in a cool place and use as soon as possible (you can also work without the nozzle).

Properties:

Temperature resistant: -40°C to +80°C. Processing temperature: +10°C to +30°C. Final hardness: 24 hours. Open time: approximately 5 minutes.



Art. no.	ml		kg	PU
170222	25	Adhesion+Sealing	0,025	1

2 Component liquid metal HUPfastMetal

How to use HUPfastMetal:

Repair of cracks, drill holes, holes etc. Suitable for extremely strong adhesion of metal and metal alloys (steel, aluminium). Clean the surfaces to be glued, open the cap and screw the mixing nozzle into place. Dispose of the first 2 g since this will not be mixed 1:1. Then apply the glue and join the parts. Remove the mixing nozzle and dispose it. Replace the cap. Store open cartridges in a cool place and use as soon as possible (you can also work without the nozzle).

Properties:

Temperature resistant: -50°C to +120°C, Open time approximately 5 - 10 minutes. After approximately 30 minutes, you will be able to mechanically process the repaired location.



Art. no.	ml		kg	PU
170224	25	Adhesion+Sealing	0,025	1

HUPsuperglue

How to use HUPsuperglue:

The surfaces must be clean and free of oil or grease. Apply a thin layer of HUPsuperglue to one side and join the parts.



Art. no.	ml		kg	PU
170226	20	Adhesion+Sealing	0,020	1

Fine droplet tip



Art. no.			kg	PU
170236		Adhesion+Sealing	0,001	1

Double-Sided Acryl Tape

HUPtapeDouble

How to use HUPtapeDouble:

Permanent and safe hold on almost all smooth surfaces such as metal, wood, glass, plastic, ceramics and rubber. Ideal for mounting brackets, signs, hooks, shelf elements, etc.

Not suitable for: PE, PP, PTFE (e.g. Teflon®), silicone, paper and vinyl wallpaper, non-load-carrying surfaces as well as surfaces with dirt-repelling coatings.

Properties:

HUPtapeDouble is an extremely strong, double-sided sticky tape. For durable adhesion, installation and securing both indoors and outdoors. Load up to a maximum of 1.3 kg.

Transparent. Surfaces are not damaged. Moisture resistant.

Used in dry, clean and well-aired areas with temperatures of +10°C to +30°C.



Art. no.			kg	PU
170232		Adhesion+Sealing	0,050	1

UV-Hardening GRP Repair-Film

HUPplaxUV

How to use HUPplaxUV:

Easy to use - cut to the size of the surface to be repaired, done. Extremely durable, fibre-glass reinforced plastic, vibration resistant, remains flexible, weather, UV and moisture resistant. Good subsequent processing (sanding, drilling, painting, etc.), resistant to oils and solvents, permanently temperature resistant from -40°C to +200°C, no shrinking or expansion during processing and hardening, adheres to all surfaces except polypropylene (PP), quick to harden (as of 5 minutes, depending on UV radiation).

Properties:

HUPplaxUV is a unique, easy to use repair foil that is activated and hardened by UV radiation or sunlight. The foil is a fibre-glass reinforced polyester with extremely good adhesive and a long life. No mixing, no weighing, no sources of error.

Maintenance and repair of roofs, stairs, basins, pipes, lines, cable ducts, switching cabinets etc., all surfaces made of wood, metal, glass, ceramic, brickwork, cement and plastic.



Art. no.			kg	PU
170230		Adhesion+Sealing	0,120	1

Screw-Locking Medium-Strength HUPlockM

How to use HUPlockM:

For all screws with threads up to M36.
Extremely viscous, medium hard, can be removed.

Properties:

Hand-tight: 10 - 20 minutes
Functionally-tight: 1 - 3 hours
Temperature resistant: -55 to +150°C



Art. no.	ml		kg	PU
170238	50	Adhesion+Sealing	0,050	1

Screw-Locking High-Strength HUPlockH

How to use HUPlockH:

For all screws with threads up to M20.
Medium viscosity, extremely durable, difficult to remove.

Properties:

Hand-tight: 10 - 20 minutes
Functionally-tight: 1 - 3 hours
Temperature resistant: -55 to +150°C



Art. no.	ml		kg	PU
170240	50	Adhesion+Sealing	0,050	1

Anti-Friction-Coating HUPcable

Application HUPcable:

Spray the prepared cable. Wait for the propellant gas to evaporate (a few seconds) then pull in the cable.

Properties:

HUPcable simplifies pulling of cable into the protective hose.



Art. no.	ml		kg	PU
170174	400	Coating+Lubrication	0,450	1

Water-based lubricants and slip agents

This prevents 80% of friction and facilitates cable laying through excellent slippage in every situation. As soon as the water is evaporated, the main part of the lubricant remains und and ensures that old cables can easily be pulled out and new ones inserted, for many years and at different temperatures.

Gel lubricant art. 143344: plastic bottle 500 ml
Gel lubricant art. 143345: plastic bottle 1.000 ml



Art. no.		kg	PU
143344	plastic bottle 500 ml	0,572	1
143345	plastic bottle 1.000 ml	1,150	1

Dispenser for plastic bottle



Art. no.		kg	PU
143346	Coating+Lubrication	0,016	1

Water-based lubricants and slip agents

This prevents 80% of friction and facilitates cable laying through excellent slippage in every situation. As soon as the water is evaporated, the main part of the lubricant remains und and ensures that old cables can easily be pulled out and new ones inserted, for many years and at different temperatures.

Foam lubricant, spray can 400 ml



Art. no.		kg	PU
143348	spray can 400 ml	0,457	1



Aluminium-Spray HUPalu

Application HUPalu:

For servicing and maintaining the value of machine parts, for processing of machines, furnaces, heating and steam systems, pipes, exhaust systems, turbines, etc., as a container protection, coating for wheels, trucks bodies and much more.

Properties:

HUPalu pure aluminum spray 99.5%, heat resistant up to 900°C, anti-corrosive and high-temperature-resistant, scratch-, brushing and abrasion resistant, weather resistant.



Art. no.	ml		kg	PU
170154	400	Coating+Lubrication	0,450	1

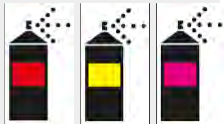
Marking Paint HUPmark

Application HUPmark:

The area to be sprayed must be dry, clean and grease-free. Bring the can up to room temperature. Before use and after each pause in spraying, shake well until the mixing ball moves freely. After use, spray out upside down.

Properties:

Marking spray for industrial, craft, construction and mining etc. For fast, clean and permanent marking of: Cement, wood, masonry, metal, asphalt, soil, plaster, glass, ceramics etc. For labelling and marking of: Pavements and roads, construction measures, breakthroughs, pipe and cable ducts, free from heavy metals, lead and cadmium, dries quickly and is friction and waterproof.



Art. no.	ml	form	colour	kg	PU
170140	500	Coating+Lubrication	luminous red	0,550	1
170141	500	Coating+Lubrication	luminous yellow	0,550	1
170142	500	Coating+Lubrication	luminous pink	0,550	1

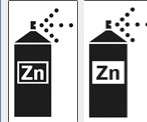
Zinc-Spray HUPzinc

Application HUPzincDark:

For rectification of hot-dip galvanized parts, subsequent protection after welding, to repair damaged surfaces, corrosion protection by galvanic effect, protective coating for pipes and metals, primer for subsequent coats. Forms a durable protective layer with water-insoluble Zinc oxide, iron (steel) and thus protects also defective places.

Properties:

HUPzinc is a mixture of high-purity zinc and aluminum powder, heat resistant, weather-resistant and quick-drying.



Art. no.	ml		colour	kg	PU
170150	400	Coating+Lubrication	Dark	0,450	1
170152	400	Coating+Lubrication	Light	0,450	1

Zinc spray 550 HUPzincKorro

How to use HUPzincKorro:

Shake the container well until the mixing ball is clearly audible and the contents are well mixed. Clean the surface to be treated with the wire brush, or even better sand blast it. The surface must be grease-free and clean. The best processing temperature is from 16-32 °C. For optimum results apply the spray from a distance of 25-30 cm with short motions. For commercial use only. Carry out preliminary tests for effectiveness and material compatibility.

Properties:

The employed zinc and zinc compounds contain more than 99% pure zinc, cross-cut adhesion tested in accordance with DIN EN ISO 2409, heat-resistant up to 500 °C, mandrel bend tested in accordance with DIN EN ISO 1519, salt spray tested in accordance with DIN 50021, subsequent protection after welding work for repairing damaged surfaces, protective coating for pipelines and metals, forms a permanent protective coating with water-insoluble zinc oxide on iron (steel) and thus also protects faulty points.



Art. no.	ml		kg	PU
170153	400	Coating+Lubrication	0,450	1

Stainless-Steel-Spray HUPInox

Application HUPInox:

For maintenance and repair, maintaining the value of stainless steel, for processing of pipes, machinery, truck bodies, silos, turbines, etc., as a container and tank system protection and much more.

Properties:

HUPInox stainless steel coating, alloy, consisting of chrome >15%, nickel >7%, manganese >1%, heat resistant to 300°C, protects against corrosion, durable and weather-resistant protective layer, good and secure adhesion to metal, wood, glass, stone and much more.



Art. no.	ml	kg	PU
170156	400	0,450	1

Silicone-Spray HUPSil

Application HUPSil:

In order to eliminate creaking, squeaking and running noise of machines, vehicles, chains. As a lubricant, and as anti-aging. To clean, care and protection of metals, rubber and plastic, for retracting of rubber and plastic profiles, etc.

Properties:

HUPSil is a universal silicone spray and lubricant. It is waterproof, weather and temperature-resistant from -30°C to +200°C. It acts antistatic and dust repellent, lubricates and waterproofs all surfaces without being greasy, anti-corrosive and moisture-resistant.



Art. no.	ml	kg	PU
170162	400	0,450	1

Universal-Lubricant HUP40

Application HUP40:

Loosens persistent fittings, nuts, bolts, etc. due to rust and oxidation, removes moisture and condensation on cables and electrical connections and contacts, is based on an ultra-thin film which protects all metal surfaces and prevents further corrosion, keeps moisture from cables and contacts and prevents further accumulation of moisture, Lubricates cars and protects tools, machines, precision instruments, locks, sliding and guiding rails, wheels, bolts, hinges, fittings, etc.

Silicone free! It even melts ice on locks, bolts, hinges, fittings, etc.

Properties:

HUP40 high quality universal spray with 1001 solutions!



Art. no.	ml	kg	PU
170166	400	0,450	1
170168	50	0,075	1

PTFE-Spray HUPptfe

Application HUPptfe:

Anywhere where oil- and grease coatings are unwanted. The special lubricant for all maintenance-free gliding lubrications, protects all metals, leather and wood parts - anti-aging for rubber parts, seals and plastics.

To eliminate creaking, squeaking and running noise of machinery, chains, windows, doors, trays, etc. In the electro-, plastics-, wood-, paper- and textileindustrie. Water-resistant coating of paper, cork and textiles.

Properties:

HUPptfe Oil-free Dry Lubrication Spray. High temperature resistant surface protection from -60 °C to +250°C with long-term effect and low coefficient of friction, quick drying, highly adhesive, grease-free and colorless, tasteless after application, the protection film seems anti-corrosive and moisture repellent.



Art. no.	ml	kg	PU
170158	400	0,450	1

Allround PTFE-Spray HUPptfeSynt

Application HUPptfeSynt:

Especially for long-lasting lubrication under very strong pressure and frictional conditions. It protects all moving parts and prevents snagging, creaks and squeaks.

Properties:

HUPptfeSynt for lubrication of precision, such as pressure-loaded parts in an enormously wide range of temperatures.



Art. no.	ml	kg	PU
170160	400	0,450	1

Polymer-Spray HUPpolymer

Application HUPpolymer:

Substitute for silicone spray as a retraction, sliding and lubricating aid, as well as long-term care for rubber, EPDM, PP, PVC etc. Significantly improved gliding characteristics on coated surfaces - the coefficients of friction are reduced up to 40%. Treated surfaces have a color-intensifying appearance. Coated surfaces are water-resistant, insensitive to contamination, further processing (gluing, painting, printing, etc.) of adjacent materials without having trouble.

Properties:

HUPpolymer contamination of tools and manufactured parts, which can occur when using silicone oils, are avoided. No stress cracking when in contact treated profiles with plexiglas or polycarbonate.



Art. no.	ml	kg	PU
170170	400	0,450	1

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Cutting-Oil HUPdrill

Application HUPdrill:

Targeted and clean to use when cutting, very economical and efficient in consumption. For machines, for which the complete separation of the coolant from the hydraulic oil used or lubricating oil is not present. Suitable for the treatment of iron and non-ferrous metals.

Properties:

HUPdrill special cutting oil, transparent. Alloyed oil contains highly effective EP-Additives and polar substances, elastic film of lubricant with corrosion protection, high loads through sustainable boundary layer formation, high load carrying capacity.

Provides low-wear operation with corrosion protection.



Art. no.	ml	kg	PU
170172	400	0,450	1

Anti-Rust-Spray HUPrustEX

Application HUPrustEX:

Penetrates the rust, removes oils, resins, tar and oil coal, solves persistent connections easily, eliminates rattles and squeaks protects the long term, penetrates even constrictions and facilitates the disassembly of parts. Triggers stuck screw, brings all corroded connections, such as screw, nuts, bolts, joints moving again.

Properties:

HUPrustEX penetrates and dissolves extremely effective rust, preserves and protects against new rust attack by a MoS2 protective film.



Art. no.	ml	kg	PU
170164	400	0,450	1

Contact spray HUPwetBlock

Application HUPwetBlock:

Due to its highly effective ingredients all types of electrical contacts and connections are protected against moisture and corrosion. Water and moisture is reliably suppressed. The product properties remain even after several months of use indoors and also outdoor and prevent permanent leakage currents and short circuits in: lighting systems, connections and sockets, electrical machinery and equipment, pumps, intercom systems, switches and fittings, connectors and contacts sockets, fuse boxes, cable connections, cable reels, battery terminals, engine electrical, electric, bell systems and much more.



Art. no.	ml	kg	PU
170180	400	0,450	1

Fast degreaser HUPdegreaser

Application HUPdegreaser:

For cleaning and degreasing of dust, dirt, oil, mechanical parts. For removing wax-stains, fats and resins from high potential switches, air conditioning, antenna insulators, motors, ventilators, switchboards, cables, stubborn dirt on glass and car paint, etc.

Properties:

HUPdegreaser is a quick and intensive degreaser and cleaner for mechanical and electrical equipment. Residue-free and fast evaporating.



Art. no.	ml	kg	PU
170102	500	0,600	1

Electric-Engine-Cleaner HUPelectroClean

Application HUPelectroClean:

It is used to remove dust, dirt, oil, grease, lubricants and coal dust to electromechanical contacts, relays, wires, distributors, coils, etc. Can also be used for pre-cleaning for subsequent painting.

Properties:

HUPelectroClean consisting of a mixture of hydrocarbons and cleaning boosters. Cleans spot and streak free and evaporates without residue after cleaning.



Art. no.	ml	kg	PU
170114	400	0,450	1

Electric-Contact-Cleaner non-flammable HUPcontactXtra

Application HUPcontactXtra:

Spray on the parts to be cleaned or the contact surfaces and allow the dirt to run off. It may be necessary to repeat this if the contact is very dirty. It is not necessary to switch off power-conducting aggregates due to the non-flammable properties of the product.

Properties:

HUPcontactXtra is a safety cleaner based on non-flammable solvents. The product does not have any smell, is physiologically harmless, aroma-free and therefore very well tolerated by the skin compared to commercially available hydrocarbon-based cleaners. It has excellent wetting and creeping properties. It evaporates very quickly without leaving any residue.



Art. no.	ml	kg	PU
170120	400	0,450	1

**Multi Cleaner
HUPcleanMulti**

Application HUPcleanMulti:
Cleaning of windows, mirrors, glass, monitors, plastic-surfaces, tiles, etc. in industry and crafts.

Properties:
HUPcleanMulti is a Multi-Foam with orange aroma. Intensive cleaner, for a sparkling shine on all surfaces. Powerful, yet mild. Very economical due to high concentrate, skin-sensitive. Spotless, non-porous, streak-free. Cleans with active-foaming effect.

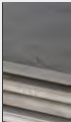


Art. no.	ml		kg	PU
170104	500	Cleaning	0,550	1

**Metal Degreaser
HUPmetalClean**

Application HUPmetalClean:
Removes coarse contamination mechanically. Spray from a short distance and allow the cleaning agent to run off. The parts to be cleaned are clean and dry in just a few seconds. Parts do not need to be removed if the dissolved contaminations are able to run off with the fluid.
Note: Does not attack enamelled paints/Not suitable for plastic and seals! Only for commercial use. Carry out tests for effect and material compatibility.

Properties:
For powerful quick cleaning, residue-free and rapid evaporation, removes grease, oil, wax residue, Edding, felt-tip and ball-point pen, resin and stubborn contaminations from all metal surfaces.
For residue-free degreasing of all metal objects, but may also be used as cleaner for subsequent painting of gluing.



Art. no.	ml		kg	PU
170103	500	Cleaning	0,600	1

Foam Cleaner HUPclean

Application HUPclean:
For cleaning windows, monitors, plastic surfaces, buildings, vehicles and machines.

Properties:
HUPclean is a multifunctional cleaner and achieves best levels of cleanliness on cases of fouling by oil, grease, wax and similar substances.



Art. no.	ml		kg	PU
170100	500	Cleaning	0,550	1
170101	1000	Cleaning	1,050	1
170105	5000	Cleaning	5,080	1
170107	10000	Cleaning	10,100	1

HUPfoamPump

1,5 l



Art. no.			kg	PU
170109	empty	Cleaning	0,800	1



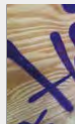
**Graffiti-Remover
HUPgraffitiEx**

Application HUPgraffitiEx:

Removes varnish, paint, graffiti and adhesive residues. Cleans easily spotted surfaces made of concrete, stone, brick and wood surfaces, as well as glass, ceramic, porcelain and metal surfaces.

Properties:

Agents and propellants are free of toxic, corrosive and ozone-depleting substances. Usage in all areas of industry and commerce use, as well as installing companies, in printing, paint shops, metal and plastic industry, cleaning companies.



Art. no.	ml		kg	PU
170110	400	Cleaning	0,450	1

**Label-Remover
HUPlableEx**

Application HUPlableEx:

Residue-free removal of adhesive residues, labels, lubricants, bitumen, fresh PU foam residues and stubborn stains. For cleaning of metal surfaces (even before painting) suitable in many areas of industry, trade and craft.

Properties:

HUPlableEx is powerful, yet gentle on the material, evaporates quickly and leaves no residue.



Art. no.	ml		kg	PU
170112	400	Cleaning	0,450	1

Compressed Air HUPair

Application HUPair:

HUPair compressed air for cooling and debugging overheated parts. To remove dust, dirt and other deposits on computers, Keyboards, engineering components, office equipment, photocopiers, printers etc.



Art. no.	ml		kg	PU
170106	400	Cleaning	0,450	1

**Compressed Air non-flammable
HUPairXtra**

Application HUPairXtra:

Is used anywhere where dust and loose dirt is only removed with difficulty. In the entire range of maintenance and repair of electronic equipment, components, computers, precision mechanical watches, etc. For dust and dirt removal on keyboards, computer cases, cabinets, measuring and control technology instruments, optical instruments, hi-fi and video equipment, as well as modules, printed circuit boards, magnetic heads, drives, etc.

Properties:

HUPairXtra non-flammable - especially good for suitable cleaning of electrical contacts. For a clean and dry cleaning in hard to reach places and on delicate surfaces.



Art. no.	ml		kg	PU
170108	400	Cleaning	0,450	1

HUPskinProtect

Application HUPskinProtect:

Protects hands and other parts of the body by a protective film prior to contact with the oil, grease, tar, paint, dust, and other dirt and pollutant species. It can prevent allergic reactions with many substances, because a protective film between the skin and the medium is established. For daily use in the industrial and craft.

Properties:

HUPskinProtect facilitates skin cleaning. The skin remains breathable and does not dry out. Dermatologically tested.



Art. no.	ml		kg	PU
170116	250	Cleaning	0,300	1

Dosage cap „Target Control System“

The „Target Control System“ is a stable, flexible dosage cap that can be removed at any time.

It is compatible with many of the HAUPA aerosol products („parent valve“/star). This means even more accurate, precise spraying and dosage. Targeted, accurate and properly dosed.

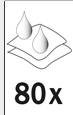
Not for sprays art: 170106, 170150, 170152, 170400



Art. no.			kg	PU
170406	Cleaning		0,020	1

**Cleaning Wipes
HUPwipe**

Application HUPwipe:
HUPwipe is the ideal aid for removing stubborn. Contaminants such as: rust, grease, adhesive residue, oil, soot, resins, Edding lines, fresh paint residues, lubricants, nicotine and more. Can be used to remove the heaviest soiling in commercial, industrial and craft.



Art. no.	ml		kg	PU
170118	80	Cleaning	1,000	1

**Hand cleaning cream
HUPsoap, 500 ml**

Application HUPsoap:
Rub some grams on dry hands, add some water and wash thoroughly. Reduce the consumption with the corresponding dosing dispenser.

Properties:
HUPsoap Special cleaning cream for the removal of stubborn dirt e.g. fresh paint and adhesive residues, oils, grease, tar, bitumen, resins etc.



Art. no.	ml		kg	PU
170126	500	Cleaning	0,600	1
170127	3000	Cleaning	3,300	1
170128	10000	Cleaning	10,500	1

Dispenser for hand cleaning cream HUPsoap, 3l

- compatible for art. 170127
- Stainless steel tube



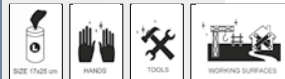
Art. no.	ml		kg	PU
170129	3000	Cleaning	0,500	1

Industrial cleaning wipes

HAUPA Industrial cleaning wipes are **perfect for washing hands as well as cleaning tools and work surfaces**. They remove stubborn dirt fast and efficiently such as grease, paint, oil, tar, ink, silicone, glue and much more making them the **ideal companions for workshops, offices, home or for those on the go**. These practical wipes have been impregnated with a solvent-free, industrial hand cleaner, which has been dermatologically tested and is also suitable for sensitive skin. The individually perforated wipes ensure easy extraction. The practical and solid storage container with lock-lid prevents the wipes from drying out.

Contents: 40 wipes, each 17 x 25 cm.

The must have for every cleaning job!



Effortlessly removes:

- Grease
- Paint
- Oil
- Tar
- Ink
- Silicone
- Glue
- and more...



Art. no.	width		kg	PU
150600	250		0,190	1



Freeze-Spray HUPcool

Application HUPcool:

HUPcool to remove dust, dirt and other deposits on computers, Keyboards, engineering components, office equipment, photocopiers, printers, etc.
For cooling and debugging overheated parts.



Art. no.	ml		kg	PU
170400	400	Testing	0,455	1

Freeze-Spray HUPcoolXtra

Application HUPcoolXtra

For the detection of defects in electrical systems and electronics. With the freeze-spray thermal errors on electric, electronics, computer cases, cabinets, measuring and control technology instruments, optical equipment, hi-fi and video equipment, as well as modules, printed circuit boards, magnetic heads, thermal switches etc. are fast tracked.

Properties:

HUPcoolXtra is a freeze spray with that you achieve cooling to -50°C. Cooling of resistors and transistors to prevent heat damage during soldering.



Art. no.	ml		kg	PU
170402	400	Testing	0,455	1

Smoke-Detector-Test-Spray

HUPdetect

Application HUPdetect:

Test your smoke detectors once a month with this test spray, to exclude technical defect, as well as the contamination of the detector.

Properties:

- directly simulated fire smoke
- enough for about 150-200 test operations
- Fast and reliable



Art. no.	ml		kg	PU
170404	250	Testing	0,180	1

Our HUPchemie safety certificates can be found in the download section of www.haupa.com.