

הרבנות דק"ק ברלין גרמניה
Rabbinat der JGzB Deutschland
ועד הכשרות Kaschrut Komitee

Rabbiner Yitshak Ehrenberg
Rabbiner der Jüdischen Gemeinde zu Berlin

הרב יצחק ארנברג
הרב ואב"ד דק"ק ברלין

י"ב תמוז תשפ"ג
01.07.2023

תעודת כשרות

הנני לאשר כזה כי בדקתי את הרכיבים ותהליך היצור והאריזה של המוצרים:
חומרי ניקוי וגריזים לתעשיית המזון כמפורט ברשימת המוצרים המצורפת לתעודה זו
המוצרים ע"י חברת **וורט** כ קונצלזאו, גרמניה ואין הם מכילים, וגם אינם באים במגע עם שום חומרים לא כשרים בעת הייצור והאריזה.
לפיכך המוצרים הנ"ל **כשרים פרווה** לכל ימות השנה כולל ימי חג הפסח.
תעודה זו בתוקף עד ליום כ"ד סיון תשפ"ד (30.06.2024)

Kosher-Certificate

I hereby certify that I inspected the ingredients, production and packing process of:

See enclosed product sheet

produced by **Würth GmbH & Co KG** in Künzelsau, Germany and I found that they do not contain, nor come in contact with any non-kosher substances in the course of production and packing.
They are therefore **Kosher Parve for the whole year including for the Passover days.**

This certificate is valid until June 30th, 2024.



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הרב יצחק ארנברג
הרב ואב"ד דק"ק ברלין

0890 107	Power cleaner for assembly	0893 237 102	SMP adhesive sealant
0890 107 05	Power cleaner for assembly	0893 237 130	SMP adhesive sealant, XTREME
0890 109 6	Cleaning fluid multiclean	0893 237 160	SMP adhesive sealant, METALLIC
0890 900 90	Universal cleaning cloth	0893 225 0	adhesive sealant, glass clear
0893 056	Multi plus maintenance oil	0893 270 025	High-strength screw retainer
0893 107 001	Foodstuffs lubricant LMS-Fluid	0893 270 050	High-strength screw retainer
0893 107 002	Multi-purpose grease III	0893 270 250	High-strength screw retainer
0893 107 402	Multi-purpose grease III	0893 243 025	Medium-strength screw retainer
0893 107 502	Multi-purpose grease III	0893 243 050	Medium-strength screw retainer
0893 107 252	Multi-purpose grease III	0893 243 250	Medium-strength screw retainer
0893 107 003	Multi-purpose grease IV	0893 603 025	High-strength bearing lock
0893 107 403	Multi-purpose grease IV	0893 603 050	High-strength bearing lock
0893 107 503	Multi-purpose grease IV	0893 603 250	High-strength bearing lock
0893 107 253	Multi-purpose grease IV	0893 573 050	Surface sealant, green
0893 107 006	LMS Liquid Premium	0893 573 250	Surface sealant, green
0893 107 1	Food safe lubricating oil	0893 574 050	Surface sealant, orange
0893 107 6	Foodstuffs HHS	0893 574 250	Surface sealant, orange
0893 121 0	Stainless steel care oil	0893 577 050	Medium-strength pipe sealant
0893 121 1	Metal restorer	0893 511 050	Low-strength pipe sealant with PTFE
0893 121 2	Stainless steel power cleaner	0893 511 250	Low-strength pipe sealant with PTFE
0893 123	HSP 1400	0893 09	Super-fast glue
0893 130 400	Rust remover Rost Off Special	0893 090	Super-fast glue
0893 550 000	Slide Wax	0893 090 0	Super-fast glue
0893 140	Industry cleaner	0893 090 030	Super-fast glue
0893 140 05	Industry cleaner	0893 093 090	Super-fast glue 2C
0893 221 000	Silicone spray, silicone fluid	0893 093 091	Super-fast glue 2C
0892 550 1-4	Silicone Acetate, food grade	0893 056 000	Multi Plus
0893 351 000 - 022	Natural stone sealant 4 in 1	0893 106 202	HHS 6000 Plus
0893 235 1-3	Bond + Seal Power	0893 106 203	HHS 2000 Plus
0893 237 100	SMP adhesive sealant	0893 106 204	HHS 200 Plus
0893 237 101	SMP adhesive sealant		
0893 556 050	Sealing Compound MULTI medium strength		





OFFICIAL LISTING

NSF International Certifies that the products appearing on this Listing conform to the requirements of
NSF/ANSI Standard 61 - Drinking Water System Components - Health Effects

This is the Official Listing recorded on December 4, 2017.

Adolf Würth GmbH & Co. KG
Produktmanagement Chemie, Postfach
74650 Künzelsau
Germany
49 794 015 2007

Facility: # 1 Switzerland

Joining and Sealing Materials

Trade Designation	Size	Water Contact Temp	Water Contact Material
Adhesives			
Würth® DOS Lagersicherung hochfest (0893 603)	>= 1/2"	C. HOT	ADH
Würth® DOS Flächendicht orange (0893 574)	>= 1/2"	C. HOT	ADH
Würth® DOS Klebfix EASY PEN (0893 090)	>= 1/2"	CLD 23	ADH
Würth® DOS Klebfix (0893 09)	>= 1/2"	CLD 23	ADH
Würth® DOS Schraubensicherung Hochfest	>= 1/2"	C. HOT	ADH
Würth® DOS Schraubensicherung Mittelfest	>= 1/2"	C. HOT	ADH
Würth® Rohrdicht PLUS (0893 577 300)	>= 1/2"	C. HOT	ADH
Sealants			
Würth® DOS Flächendicht grün (0893 573)	>= 1/2"	C. HOT	SLT
Thread Compounds			
Würth® DOS Rohrdicht [1]	>= 1/2"	C. HOT	TC
Würth® DOS Schraubensicherung Hochfest	>= 1/2"	C. HOT	TC
Würth® DOS Rohrdicht mit PTFE	>= 1/2"	C. HOT	TC

[1] Certification is based on a minimum cure of 72 hours at 75°F.

Note: Additions shall not be made to this document without prior evaluation and acceptance by NSF International.

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Product declaration

Gen. information:

Supplier:

Adolf Würth GmbH & Co. KG
Reinhold-Würth-Straße 12-17
74653 Künzelsau

Article information:

Article description:

Medium-strength pipe sealant

Würth art. No.:

0893 577 050

RoHS (Restriction of Hazardous Substances)/ WEEE (Waste of Electrical and Electronic Equipment)

EU Directive 2011/65/EU, the German Electrical and Electronic Equipment Act (ElektroG), the German Electrical and Electronic Equipment Substances Ordinance (ElektroStoffV) and all previous versions apply.

Yes No

☐ ☒ contains heavy metals

Yes No

☐ ☒ contains lead (Pb) >0.1%

☐ ☒ contains mercury (Hg) >0.1%

☐ ☒ contains cadmium (Cd) >0.1%

☐ ☒ contains chromium VI (Cr(VI)) >0.1%

☐ ☒ contains polybrominated biphenyls (PBB) >0.1%

☐ ☒ contains polybrominated diphenyl ethers (PBDE) >0.1%

☐ ☒ contains phthalates >0.1%

Yes No

☐ ☒ contains di(2-ethylhexyl)phthalates (DEHP) >0.1%

☐ ☒ contains benzyl butyl phthalate (BBP) >0.1%

☐ ☒ contains dibutyl phthalate (DBP) >0.1%

☐ ☒ contains diisobutyl phthalate (DIBP) >0.1%

☐ ☒ contains diisodecyl phthalate (DIDP) >0.1%

☐ ☒ contains diisononyl phthalate (DINP) >0.1%

REACH SVHC (Substances of Very High Concern)

The candidate list of Substances of Very High Concern as defined by the REACH Regulation (Registration, Evaluation, Authorization and Restriction of Chemicals) and its previous versions apply.

Yes No

☐ ☒ contains substances of the REACH candidate list (if yes, specify in Other confirmations)

☐ ☒ contains substances of the REACH authorization list (if yes, specify in Other confirmations)

ODS (ozone depleting substances)

The Montreal Protocol on Substances that Deplete the Ozone Layer and its amendments apply.

Yes	No	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains CFCs
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains halons

Yes	No	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains other fully halogenated CFCs
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains carbon tetrachloride
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains 1, 1, 1-trichloroethane (methyl chloroform)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains hydrochlorofluorocarbons
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains hydrobromofluorocarbons
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains methyl bromide
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains bromochloromethane

PIWS (paint-wetting impairment substances)

Note: This confirmation only applies if the product is used properly. It was only inquired whether no paint-wetting impairment substances were used during manufacturing of the product. The presence of analytically detectable traces of the above mentioned substances, which have possibly been introduced into the product via the raw materials, auxiliaries and additives, cannot be excluded. We recommend a preliminary test before use.

Yes	No	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains PIWS (paint-wetting impairment substances)

Yes	No	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains silicone

VOCs (volatile organic compounds)

EU Directives 2004/42/EC and 2010/75/EU apply.

Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	contains solvents. If yes, which ones: Ethylene glycol, Cumene
<input checked="" type="checkbox"/>	<input type="checkbox"/>	contains other VOCs. If yes, which ones: Polyethyleneglycol-200-dimethacrylate, Dimethylbenzylhydroperoxide

MOSH/MOAH (amended by POSH/PAO)

(MOSH: mineral oil saturated hydrocarbons; MOAH: mineral oil aromatic hydrocarbons; POSH: polyolefin oligomeric saturated hydrocarbons; PAO: poly alpha olefin)

The FDA (Food and Drug Administration) Rule 21 CFR 178.3570, studies of the European Food Safety Authority (EFSA), studies of the Federal Institute for Risk Assessment (BfR) and all previous versions apply.

Yes	No	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	The product has an NSF H1 approval (if no, move on to the next item, if yes, please continue)

Yes	No	
<input type="checkbox"/>	<input type="checkbox"/>	contains MOSH (POSH/PAO can also be detected) of the following content:
<input type="checkbox"/>	<input type="checkbox"/>	contains MOAH of the following content:

GMO (genetically modified organism)

EU Directive 1830/2003 and its previous versions apply.

Yes	No	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains genetically modified organisms

Allergens

Annex II to EU Directive 1169/2011, FALCPA (Food Allergen Labeling and Consumer Protection Act), EC Regulation 1223/2009 on cosmetics and all previous versions apply.

Yes No

☐ ☒ contains cereals containing gluten, namely: wheat, rye, barley, oats, spelt, kamut or their hybridized strains, and products thereof, except:

- a) wheat-based glucose syrups including dextrose*;
- b) wheat-based maltodextrins*;
- c) glucose syrups based on barley;
- d) cereals used for making alcoholic distillates including ethyl alcohol of agricultural origin.

☐ ☒ contains crustaceans and products thereof.

☐ ☒ contains eggs and products thereof;

☐ ☒ contains fish and products thereof, except:

- a) fish gelatine used as carrier for vitamin or carotenoid preparations;
- b) fish gelatine or isinglass used as fining agent in beer and wine.

☐ ☒ contains peanuts and products thereof.

☐ ☒ contains soybeans and products thereof, except:

- a) fully refined soybean oil and fat*
- b) natural mixed tocopherols (E306), natural D-alpha tocopherol, natural D-alpha tocopherol acetate, and natural D-alpha tocopherol succinate from soybean sources;
- c) vegetable oils derived from phytosterols and phytosterol esters from soybean sources;
- d) plant stanol esters produced from vegetable oil sterols from soybean sources.

☐ ☒ contains milk and products thereof (including lactose), except:

- a) whey used for making alcoholic distillates including ethyl alcohol of agricultural origin;
- b) lactitol.

☐ ☒ contains nuts, namely: almonds (*Amygdalus communis* L.), hazelnuts (*Corylus avellana*), walnuts (*Juglans regia*), cashews (*Anacardium occidentale*), pecan nuts (*Carya illinoensis* (Wangenh.) K. Koch), Brazil nuts (*Bertholletia excelsa*), pistachio nuts (*Pistacia vera*), macadamia or Queensland nuts (*Macadamia ternifolia*), and products thereof, except for nuts used for making alcoholic distillates including ethyl alcohol of agricultural origin.

☐ ☒ contains celery and products thereof.

☐ ☒ contains mustard and products thereof.

☐ ☒ contains sesame seeds and products thereof.

☐ ☒ contains sulphur dioxide and sulphites at concentrations of more than 10mg/liter in terms of the total SO₂, which are to be calculated for products as proposed ready for consumption or as reconstituted according to the instructions of the manufacturers.

☐ ☒ contains lupins and products thereof.

☐ ☒ contains molluscs and products thereof.

* And the products thereof, in so far as the process that they have undergone is not likely to increase the level of allergenicity assessed by EFSA for the relevant product from which they originated.

☐ ☒ contains latex components

Yes No

☐ ☒ The product has an approval as a cosmetic (if no, move on to the next item, if yes, please continue)

Yes No

☐ ☐ contains substances from Annex II to EC Regulation 1223/2009

☐ ☐ contains substances from Annex III to EC Regulation 1223/2009 above the threshold limits

BSE/TSE

The Official Journal of the European Union EMEA/410/01 Rev. 3, March 2011, and its previous versions apply.

Yes No

☐ ☒ contains substances of animal origin

Other substances

Yes	No	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains polychlorinated dibenzodioxins and dibenzofurans PCDD/PCDF
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains polycyclic aromatic hydrocarbons (PAHs)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains substances containing pentachlorophenol (PCP)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	contains plasticizers (if yes, specify in Other confirmations)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains substances containing PVC
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains substances containing asbestos
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains substances/resins containing resin acid
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains substances containing or releasing formaldehyde
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains azo dye
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains AOXs
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains dimethyl fumarate (DMF)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains alkylphenol ethoxylates (APEO)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	contains acids (if yes, specify in Other confirmations)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains alkalis (if yes, specify in Other confirmations)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains flame retardants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains bisphenols
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains nanoparticles (size: 1-100nm)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains quaternary ammonium cation (quats)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains chlorinated paraffins

Other confirmations / remarks: (e.g. health-relevant DIN standards, IOS-mat, NSF certification, etc. // enclose document if available)

- Plasticizer: CAS 18268-70-7
- Acid: 1-Hydroxyethan-1,1'-Diphosphonic acid, Phosphoric acid

This document was created electronically on 01.03.2022 and is valid without signature.

TECHNICAL DATA SHEET

Medium-strength pipe and thread sealant

Art. no. 0893 577 050

P. Qty.: 1

For sealing all metallic pipe/thread connections and fittings with conical/cylindrical threads in accordance with ISO 7.1 to R3"



Weight of content	50 g
Chemical basis	Dimethacrylic acid ester
Fully hardening/curing conditions	Exclusion of oxygen and contact with metal (copper or iron ions)
Colour	Yellow fluorescent
Density/conditions	1.05 g/cm ³ /in accordance with DIN EN ISO 2811-1
Min./max. viscosity 1/conditions 1	55000-80000 mPas/at 25 °C, Brookfield RVT, spindle 6/2.5 rpm
Min./max. viscosity 2/conditions 2	18000-30000 mPas/at 25 °C, Brookfield RVT, spindle 6/20 rpm
Max. gap-filling ability	0.5 mm
Suitable for	Thread diameter max. R 3 inch (M80)
Min./max. initial strength	15-30 min
Min./max. functional strength	1-3 h
Max. final strength	6 h
Min./max. processing temperature	5 to 40 °C
Min./max. temperature resistance	-55 to 150 °C
Min. flashing point	100 °C
Min./max. breakaway torque	15-25 Nm
Breakaway torque conditions	DIN EN 15865
Min. prevail torque	2 Nm
Conditions for prevail torque	DIN EN 15865
Min./max. compressive shearing strength/conditions	10-20 N/mm ² /in accordance with ISO 10123
Shelf life from production/conditions	18 Month/at room temperature
Silicone-free	Yes

TECHNICAL DATA SHEET

Solvent-free	Yes
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Application area

Seals metallic pipe connections in accordance with ISO 7.1 (conical/cylindrical threads) to R3".

Ideal for sealing fittings or valves, threaded connections in metal water pipes (as well as service water in heating or cooling circuits, sprinkler systems etc.).

It can also be used for sealing petrol pipes, diesel pipes or compressed air lines. The product is also suitable for sealing pressure regulators or oil separators in compressed air supplies.

Application information

The surface must be free of oil, grease and other contaminants. Best adhesive results are achieved when the surfaces are cleaned with Metal cleaner 7063 (art. no. 0890 107 063). Observe the flash-off time!

To achieve a completely sealed and pressure-tight connection up to the burst pressure on threaded pipe connections, it is essential that the threads are cut in accordance with the standards, completely coated with adhesive, tightened securely (to ≥ 5 Nm) and are no longer twisted!

For blind holes, apply several drops inside along the thread up to the base of the hole. For through-bores apply several drops onto the screw where the nut will sit.

Excessive adhesive that is pressed out of the gap between the two parts will not harden and can be removed with a dry cloth or a cloth saturated with acetone cleaner (art. no. 0893 460).

For use in applications involving contact with drinking water, recommendations from the German Adhesives Association (Industrieverband Klebstoffe e.V.) must be observed:

- Use anaerobic adhesive or sealant sparingly.
- Avoid excess material or wipe away where necessary.
- In order to avoid excess adhesive inside the pipe, keep the first two turns of the thread dry. Or if this is technically not possible, at least the first turn of the external thread.
- Allow the adhesive to harden for at least 24 hours.
- Rinse the system with water before use.

Proof of performance

- DVGW approval (reg. no. NG-5146BM0337), tested in accordance with DIN EN 751-1 (not permissible in domestic gas installations in Germany in accordance with TRGI 2008)
- NSF-tested in accordance with NSF/ANSI 61 for use in service water and drinking water up to +82°C
- Ruhr District Institute of Hygiene: Conforms to the formula recommended by the German Environment Agency for use in applications which come into contact with drinking water dated 11 February 2016. If being used as a thread sealant that comes into contact with water, please observe the relevant recommendations from the association of the adhesive and sealant industry.

TECHNICAL DATA SHEET



Notice

- As a result of the intense accelerating effect of copper or copper alloys, the sealant can begin to cure during the sealing process. This can cause micro-cracks, which may lead to leaks in the future. We therefore strongly recommend preliminary tests for process assurance if the pipe sealant is used in connections containing copper that will come into contact with water $\geq 40^{\circ}\text{C}$ in the long-term. The user is responsible for determining the suitability of the product for the particular application and adhesion process.
- The following plastics may be affected in the event of prolonged exposure to the liquid product: ABS, celluloid, expandable polystyrene, polycarbonate (Macrolon), PMMA (Plexiglas), polysulfone, SAN (Luran, Tyril), Vinidur, vulcanised fibre and painted surfaces.
- Not permissible in domestic gas installations in Germany in accordance with DVGW TRGI 2008.

The usage instructions are recommendations based on the tests we have conducted and 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. If 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 the consistent quality of our products. We reserve the right to make technical changes and further develop products. Please observe the technical data sheet!