



ADHESIVES FOR PROFESSIONAL USERS

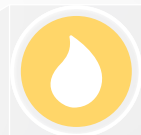
YOUR SYSTEM SUPPLIER FOR INDUSTRIAL COATINGS



POWDER COATINGS



LIQUID COATINGS



GEL-COATS



E-COAT



ADHESIVES





ALL COATINGS FROM ONE SOURCE

KANSAI HELIOS is your reliable partner and specialist for industrial coatings and one of the few complete system suppliers in Europe, offering perfectly aligned coating systems: **liquid coatings, powder coatings, gelcoats, e-coat as well as industrial adhesives and sealants.**

The example of an excavator illustrates this: During the horizontal coating of the various car parts, different paint

systems are used side by side on different surfaces and components. The **perfect match of the different coating systems** in terms of color shade, surface finish, gloss level and aging properties is particularly important for the manufacturer. We know these requirements and support our customers with the experience and know-how of our technicians.

INTERNATIONAL KNOW-HOW AND LOCAL SUPPORT

KANSAI HELIOS is one of the top European producers of industrial coatings, chemicals for bleaching and cleaning, materials for sticking and sealing, high-quality resins, decorating paints and refinishing coatings.

As part of KANSAI PAINT, one of the world's leaders in the paints and coatings industry, KANSAI HELIOS represents the European competence center of the group. State-of-the-art coating technologies, an international team of experts and an explicit customer focus make KANSAI HELIOS your reliable partner for all industries.

We focus on high-quality products, long-term cooperation and a strong technical support. With our own modern and fully equipped production sites and our well-located field offices throughout Europe, KANSAI HELIOS serves customers in more than 60 countries worldwide. We share our long-term experience with our business partners through KANSAI HELIOS Master Classes – a high-level learning and networking platform with webinars, IKI symposia and technical trainings.

"DESIGNING EXCELLENCE" – R&D AT THE HIGHEST LEVEL

At KANSAI HELIOS research and development is based on the highest standards, extensive know-how and a passion for inventive product solutions. We drive progress and innovation in our high-end laboratories. Looking far ahead, our experienced R&D teams formulate, develop and test high-performance coatings and paints, chemicals for bleaching and cleaning as well as materials for sticking and sealing that meet the high criteria of future product quality – especially with regard to the environment.

CREATING MORE VALUE FROM LESS RESOURCES

The KANSAI HELIOS Group is committed to the principles of sustainable development and relies on clean, energy-saving production technologies and the responsible use of resources. Accordingly, environmental protection and a strong ESG management are a key focus for us, not only in product development, but along the entire value chain and in all areas of the Group.



KANSAI HELIOS KEMOSTIK

KANSAI HELIOS Kemostik was established in 2015 after the merger of Belinka Kemostik and Helios Kemična Tovarna Domžale. The adhesive production tradition dates back almost 60 years, marked by the creation of the renowned rubber adhesive Neostik. Continued investments in developing new and eco-friendly adhesives have made KANSAI HELIOS Kemostik a key player in the Central and Eastern European market. Besides advanced adhesives, the company produces high-quality starches, polishing and grinding pastes, and applied chemistry products like FERROSAN and Cinol.

NEOSTIK STICKS – SINCE 1960!

Extensive expertise in developing high-quality adhesive solutions for professionals also fuels the creation of adhesives for general use and DIY projects. Over 50 years ago, the contact rubber adhesive Neostik became synonymous with quality and strength. When something is glued with Neostik, it certainly sticks. Sticks? Sticks.

ADHESIVES PRODUCT RANGE

- WOOD AND FURNITURE ADHESIVES
- ADHESIVES FOR UPHOLSTERY FURNITURE
- ADHESIVES FOR PAPER AND BOARD INDUSTRY
- ADHESIVES FOR PACKAGING AND LABELING
- ADHESIVES AND SEALANTS FOR SPECIAL VEHICLES AND CONTAINERS
- FOOTWEAR ADHESIVES
- ADHESIVES FOR FLOOR AND WALL COVERINGS
- ADHESIVES FOR TISSUE AND TOWEL INDUSTRY
- BILLBOARD ADHESIVES
- ADHESIVES AND CHEMICAL PRODUCTS FOR OTHER PURPOSES



WOOD AND FURNITURE ADHESIVES

LIGNOFIX dispersion adhesives

All LIGNOFIX dispersion adhesives for wood satisfy D2, D3 or D4 standards DIN EN 204 and DIN EN 14257 (WATT 91). Choosing the type of adhesive will depend on the complexity of the product to be bonded, on the adhesive technology and the types of wood. Professional users very often decide to use adhesive D3 standard (Lignofix VO TIP-3 and Lignofix D3) as it can be used for block board jointing and finger jointing, as well as for all kinds of woodworking joinery.

- For the production of carpentry it is recommended to use one or two-component glue D4 (Lignofix VO TIP-4 or Lignofix D4 / 1K)
- For bonding in high frequency presses it is recommended to use glue Lignofix VF

1 K UREA - formaldehyde adhesive LIGNOFIX UF

Adhesive Lignofix UF is used for the veneering and multi-ply bonding of all types of boards. It contains less than 0,75 ppm formaldehyde, therefore it meets E1 standard.

HELIOMELT hotmelts for woodworking

HELIOMELT hotmelts for woodworking are specially conceived for edgebanding, softforming and profile wrapping. There are types of hotmelts with and without fillers, and for the production line of different speeds.

HELIOTAK adhesives for membrane and vacuum presses are designed for surface layering in the furniture industry.

NEOSTIK PUR are one-component reactive polyurethane adhesives which are suitable for structural bonding of different materials and particularly bonding of insulation in panels. There are different types of the adhesive, which differs in the timing of open times, which are between 5 and 60 minutes, and also in time of drying.



ADHESIVES FOR UPHOLSTERY FURNITURE

NEOSTIK nonflammable upholstery adhesives

One-component adhesives on the basis of thermo-plastic rubber, and non-flammable organic solvents. They are intended to be glued to polyester or polyurethane foam or on wood, plywood, felt, cardboard or coconut. They differ in particular by the solids content and open time.

NEOSTIK flammable upholstery adhesives

One-component adhesives based on the thermo-plastic rubber and flammable organic solvents. They are also intended to be glued to polyester or polyurethane foam on wood, plywood, felt, cardboard or coconut. Flammable adhesives generally have a higher solid content and a shorter open time compared to non-flammable adhesive.

NEOSTIK water-based upholstery adhesives

One-component water-based contact adhesives, which replace the adhesives, based on organic solvents. They have excellent stickiness on different types of upholstery foams, textiles, leather and wood and in addition they are environmentally friendly adhesives.

HELIOMELT upholstery hotmelts

The program of upholstery hotmelts contains:

- mattress construction
- pocket spring application

ADVANTAGES OF NEOSTIK WATER-BASED UPHOLSTERY ADHESIVES

- High initial strength
- Soft adhesive joints
- Solvent-free (no VOC)
- High temperature resistance



ADHESIVES FOR PAPER AND BOARD INDUSTRY

PLASTIKOL adhesives for paper and board laminating

Adhesives on PVAC basis are used in the production of packaging cartons for laminating paper for different types of cardboards.

PLASTIKOL adhesive for carton case folding

Adhesives are water-based and are intended to form the carton packaging.

PLASTIKOL adhesives for paper bags

It is a complete range of water-based adhesives used in the manufacture of paper bags and packaging. This adhesives are intended to bond the bottom of the bags, side edges, handles and for foil lamination on paper.

PLASTIKOL adhesives for envelopes

The Helios Kemostik product portfolio offers a complete range of solutions for bonding various kinds and parts of the envelopes.

Adhesives for tube winding

The adhesives under the brand DEVAKOL are based on dextrin and specially used for spiral winding of paper tubes, while the brand PLASTIKOL offers special water-based adhesives for the same purpose. Both cover all current and future requirements of customers with different technologies of paper tubes manufacturing.





ADHESIVES FOR PACKAGING AND LABELING

Adhesives for labeling glass bottles

The Helios Kemostik product portfolio for glass bottle labeling consists of casein adhesives KATIKOL and hybrid adhesives HELIOKOL. They are intended in particular for labeling of glass bottles in the production of beer, wine, juices and water. The types differ depending on the speed of labeling lines and viscosity.

Adhesive for labeling PET,PS and PVC packaging

Helios Kemostik offers a specialized range of adhesives for labeling PET, PS and PVC packaging in the manufacture of beverages, both, waterbased adhesives PLASTIKOL as well as hotmelts HELIOMELT.

Adhesives and cleaners for carton packaging

The program covers different hotmelt adhesives for bonding of cartons, trays and folding boxes HELIOMELT, as well as cleaners HELIOCLEAN.



ADVANTAGES OF HOTMELT ADHESIVES

- Environmentally friendly (no VOC).
- Easy to use.
- With high initial strength.



ADHESIVES AND SEALANTS FOR SPECIAL VEHICLES AND CONTAINERS

NEOSTIK adhesives for floor and wall coverings

They are intended to bond different types of floor and wall coverings, in particular in the production of buses, trucks, campers, trailers, mobile homes and living containers. The product range includes following adhesives:

- on the basis of organic solvents, which are particularly intended for bonding rubber lining on a variety of substrates; they can be applied either manually or by spraying.
- water-based, which are intended for bonding various plastic coverings on chipboard or other absorbent substrates; they can be applied either manually or by roller applicator.



NEOSTIK adhesives for bonding insulation

For insulation Helios Kemostik developed three adhesives solutions:

- FLEXBOND based on organic solvents for bonding elastomeric foam insulation
- Two-component polyurethane adhesives intended for gluing insulation as polystyrene or mineral wool on metal, concrete, wood and other surfaces.
- NEOSTIK PUR is a one-component reactive polyurethane adhesive suitable for structural bonding of different materials and gluing insulation and panels. There are types with different open times between 5 and 60 min.

NEOSTIK polyurethane and other sealants

They are intended to be used in particular for gluing and sealing as well as for the installation of windows in the manufacturing of buses, railway wagons and living containers. The product range includes polyurethane sealants of different hardness, MS-polymers, silicone sealants and auxiliary products such as primers and cleaners.



FOOTWEAR ADHESIVES

NEOSTIK footwear adhesives for less demanding bonding

One-component adhesives based on natural rubber or latex for less demanding bondings of natural materials before sewing, in the manufacture of shoe uppers, fancy goods, etc.

NEOSTIK adhesives based on polychloroprene for different bondings in the manufacture of footwear and handbags

This universal adhesives are based on neoprene rubber for bonding leather, rubber, canvas, wood as well as the insoles of different materials. There are several different types of adhesives that are distinguished in particular by the viscosity and open time. This satisfies a variety of requirements and adhesive technologies encountered by the industry.

NEOSTIK polyurethane assembling adhesive

They are designed for demanding bonding various kinds of rubber, leather, thermoplastic materials, hard and soft PVC, polyurethane with the addition of HARDENER FE they can be used as two-component adhesives.

Other adhesives and auxiliary products for footwear industry

Special adhesives are developed for impregnating and dipping of heel counters of leather materials. Cleaners and halogenating agents are intended for surface preparation prior to bonding thermoplastic materials. Some other special products can be used also for the finishing of the product and designs of the leather itself, to improve the appearance of the end product/foot wear.



ADHESIVES FOR FLOOR AND WALL COVERINGS

NEOSTIK adhesive for floor coverings

The product portfolio of Helios Kemostik offers both, classic disperse adhesive as well as two-component polyurethane adhesives for bonding complex types of parquet.

NEOSTIK adhesives for ther types of floor and wall coverings

There are adhesives for bonding a wide variety of types of floor and wall coverings such as textiles, PVC and all other types of plastic coverings, cork, coconut and wallpaper on different types of absorbent and non-absorbent substrates.

ADHESIVES FOR TISSUE AND TOWEL INDUSTRY

PLASTIKOL adhesives are water-based adhesives while DEVAKOL is based on starches. There is a wide range of adhesives, which allow bonding at all stages of the production of toilet paper and are adapted for the use on different hardware and different speeds of production lines.

ADHESIVES FOR BILLBOARDS

This adhesives are developed to strongly bond roadside posters. HELIOKOL liquid adhesives for posters are starch based adhesives while PLASTIKOL are based on a base of a new PVAC aqua dispersion. We are producing both summer and winter optimized types of adhesives. The difference is, that the winter type adhesive includes antifreezes. PLAKATOL adhesives are also available in dry form, which can then be prepared by the customer himself with the additive HELIOFROST antifreeze.

ADHESIVES AND CHEMICALS FOR OTHER PURPOSES

Adhesives for bookbinding and graphics industry

The portfolio includes both, hotmelt adhesives, as well as liquid water-based glues for the needs of bookbinding.

Rubber adhesives

The Helios Kemostik product range includes adhesives that offer perfect characteristics for conveyor belts, rubber boats and adhesive for vulcanisation.

Adhesives for bonding insulation

For bonding insulation there are one and two-component adhesives with the brand name Neostik and Metacoll, for gluing foam insulation, rock wool, polystyrene and styrodur to various substrates such as metal, wood etc. Their difference lies in the timeline of open time, drying speed, binding and viscosity.

Adhesives for cigarettes

This program consists of the adhesives PLASTIKOL, which can perfectly be used for cigarette manufacturers in the tobacco industry.

Adhesives for strapping and textile

This product range consists of hotmelts and PVAC water based adhesives for laminating of straps for different purposes.

Adhesives and auxiliary products for other purposes

The product portfolio includes cianoacrylat adhesives for a wide variety of demanding bondings in industry, two-component epoxy adhesives of various density/thickness and open times, adhesives for PVC, as well as all kinds of cleaners and thinners for adhesives.

ADVANTAGES OF HELIOS BILLBOARD ADHESIVES

- Our customers can pick between ready-made liquid adhesives and adhesives in the dry form with a longer shelf life. Liquid adhesives are ready for immediate use while dry adhesives must be mixed with water before use.
- Our adhesives can be used in all seasons. At low temperatures winter versions of our glues (W) should be used or customers can easily just add our HELIOFROST additives by themselves.



DISPERSION WOOD AND FURNITURE ADHESIVES

PRODUCT	VISCOSITY AT 23°C	PRESSING TIME AT 20°C	CONSUMPTION (g/m ²)
LIGNOFIX D2	10 – 18 Pas	min. 15 minutes at 0,9 N/mm ²	140 – 180
LIGNOFIX D2 express	10 – 18 Pas	min. 12 minutes at 0,9 N/mm ²	140 – 180
LIGNOFIX VO TIP-3	10 – 18 Pas	min. 10 minutes at 0,9 N/mm ²	140 – 180
LIGNOFIX D3	15 – 21 Pas	min. 8 – 10 minutes at 0,5 – 1 N/mm ²	app. 150
LIGNOFIX VF	10 – 15 Pas	min. 10 minutes at 0,5 – 1 N/mm ²	app. 150
LIGNOFIX VO TIP-4	13 – 23 Pas	min. 15 minutes at 0,2 N/mm ²	140 – 180
PLASTIKOL D4/1K	5 – 10 Pas	10 – 15 minutes at 0,2 – 0,5 N/mm ²	100 – 200

1K-UREA FORMALDEHYDE ADHESIVE IN POWDER

PRODUCT	CONSUMPTION [g/m ²]	PRESSING TIME AT 70 °C (min/mm)
LIGNOFIX UF	90 – 150	8

HOT-MELT WOOD AND FURNITURE ADHESIVES

HOTMELTS FOR EDGE BANDING AND SOFT FORMING

PRODUCT	VISCOSITY	SPEED (m/min)	SOFTENING TEMPERATURE
HELIOMELT B1667	114.000 cP at 180 °C	20 – 90	98 °C
HELIOMELT B 1694	26.800 cP at 180 °C	> 8	97 °C
HELIOMELT B 1687	37.500 cP at 200 °C	12 – 30	105 °C
HELIOMELT BF 308	67.200 P at 200 °C	> 5	98 °C

HOTMELTS FOR PROFILE WRAPING

PRODUCT	VISCOSITY AT 200 °C	RECOMMENDED WORKING TEMPERATURE	SOFTENING TEMPERATURE
HELIOMELT B 1673	4.000 cP	190 – 210 °C	89 °C
HELIOMELT B 1883	7.500 cP	160 – 180 °C	86 °C

ADHESIVES FOR MEMBRANE AND VACUUM PRESSES

PRODUCT	
HELIOTAK MP / M	universal one-component adhesive, ideal for bonding PVC to wood
HELIOTAK 2831	economy class, the ideal adhesive for bonding vinyl on materials that do not absorb, such as metal and plastic materials
HELIOTAK 2858	2K version of HELIOTAK MP / M
HELIOTAK E2	2K version of HELIOTAK 2831

REACTIVE ADHESIVES / POLYURETHANE ADHESIVES

PRODUCT	VISCOSITY (mPas)	OPEN TIME (min)
NEOSTIK PUR-1K/7	6.000 – 12.000	5 – 7
NEOSTIK PUR-1K/15	6.000 – 12.000	15 – 25
NEOSTIK PUR-1K/60	6.000 – 12.000	45 – 60

ADHESIVES FOR UPHOLSTERY FURNITURE

PRODUCT	TYPE*	VISCOSITY mPas	SOLID CONTENT %	OPEN TIME	
NEOSTIK SK-160 NV	TR; NF	450	min. 32	0 – 12 min	Two side application
NEOSTIK SK-180 NV	TR; NF	500	min. 38	0 – 15 min	One/Two side application
NEOSTIK SK-185 NV	TR; NF	240	min. 38	0 – 15 min	One/Two side application
NEOSTIK SK-119	TR; F	300	min. 36	0 – 10 min	One/Two side application
NEOSTIK SK-131	TR; F	950	min. 62	0 – 10 min	One/Two side application
NEOSTIK SK-150	TR; F	300	min. 50	0 – 10 min	One/Two side application
NEOSTIK SK-111 SPRAY	PCR; W	1.100	min. 18,5	5 – 15 min	Two side application
NEOSTIK LK-105 SPRAY	PCR; W	1.500	44	15 min	Two side application
NEOSTIK LK-106 SPRAY	PCR; W	900	54	15 min	One/Two side application

LEGEND:

TR - thermoplastic rubber PCR - polychloroprene rubber NF - nonflammable F - flammable W - waterbased



ADHESIVES FOR PAPER AND BOARD LAMINATING

PRODUCT	PROPERTIES	VISCOSITY (mPa.s)	SOLIDS %	pH
PLASTIKOL K-127	Filled Low cost	2.000 – 2.500	45 – 47	6 – 8
PLASTIKOL K-128/50	Filled Low cost	2.500 – 3.500	48 – 53	6 – 8
PLASTIKOL K-127J	Filled Low cost	2.000 – 2.500	43 – 46	6 – 8
PLASTIKOL KK4	Highly elastic High tack	3.000 – 5.000	44 – 46	3 – 5

ADHESIVES FOR PAPER BAGS

PRODUCT	APPLICATION	PROPERTIES	VISCOSITY (mPa.s)	SOLIDS %	pH
HELIOKOL EK-20V	Machine bottoming of paper bags.	Very high viscosity, Low cost	pastose	15 – 18	8 – 9,5
PLASTIKOL SNT/NY	Machine bottoming of paper bags.	Very high viscosity	70.000 – 120.000	27 – 30	8 – 10
PLASTIKOL 1817/11	Semi viscous universal adhesive for side seaming.	Nozzle, roller	4.000 – 7.000	42 – 46	4 – 6
PLASTIKOL 3500ZK	Semi viscous universal adhesive for side seaming.	High speed	2.500 – 3.500	52 – 56	4 – 6
PLASTIKOL K-611	Handle bonding	High speed	14.000 – 23.000	47 – 51	4 – 7
PLASTIKOL 22 E	Paper bags bottom	Starch based adhesive	100.000 – 150.000	23 – 25	6 – 9
PLASTIKOL MP	HDP foil on paper	PVA based synthetic adhesive - low viscous	3.000 – 4.000	31 – 33	4 – 6

ADHESIVES FOR CARTON CASE FOLDING

PRODUCT	APPLICATION	PROPERTIES	VISCOSITY (mPa.s)	SOLIDS %	pH
PLASTIKOL K-614/M	Standard adhesive for bonding of cartons, trays and folding boxes	Fast setting High speed, nozzle	700 – 900	48 – 51	3,5 – 5,5
PLASTIKOL 750LK	PVAC-based low viscous universal adhesive for paper and cardboard.	Nozzle, roller	650 – 950	46 – 51	4 – 5,5
PLASTIKOL NL/10D	Standard adhesive for bonding of cartons, trays and folding boxes	Fast setting High speed, nozzle	2.000 – 3.500	54 – 56	3,5 – 5,5
PLASTIKOL 3500ZK	PVAC-based semi viscous universal adhesive for paper and cardboard	Nozzle, roller	2.500 – 3.500	52 – 56	4 – 6

ADHESIVES FOR ENVELOPES

PRODUCT	APPLICATION	PROPERTIES	VISCOSITY (mPa.s)	SOLIDS %	pH
PLASTIKOL 551L/N4P	For window patching of envelopes	EVA based synthetic adhesive - low viscous	1.400 – 1.800	53 – 57	4 – 6
PLASTIKOL 552C	For window patching of envelopes	EVA based synthetic adhesive - low viscous	2.000 – 4.000	52 – 55	4 – 6
PLASTIKOL 410/7N7	For gluing side and bottom seam of envelopes	EVA based synthetic adhesive - low viscous	150 – 500	47 – 50	5 – 7,5
PLASTIKOL 410/6B	For gluing side and bottom seam of envelopes	EVA based synthetic adhesive - low viscous	800 – 1.100	37 – 42	4,5 – 7
PLASTIKOL G-62	Gumming and manufacturing of envelopes	Dextrin & synthetic based.	3.000 – 6.000	67 – 70	5 – 7,5
PLASTIKOL D-50	Gumming and manufacturing of envelopes	Dextrin based.	3.500 – 6.000	58 – 62	5 – 7,5
PLASTIKOL 553S/B4	Production of self-adhesive envelopes. Adhesive film must be covered with a strip of siliconised paper after the application.	Acryl based	1.000 – 3.000	68 – 72	4 – 7

ADHESIVES FOR **TUBE WINDING**

TUBE WINDING – DEXTRIN					
PRODUCT	APPLICATION	PROPERTIES	VISCOSITY (mPa.s)	MOISTURE (%)	pH
DEVAKOL SK	Standard dextrin based adhesive for tube winding	High viscosity	3.500 – 8.000	12 – 15	8 – 8,5
DEVAKOL HPB-2	Fast setting dextrin based adhesive for tube winding	High tack and fast setting.	1.000 – 2.000	12 – 15	8,5 – 10

TUBE WINDING – SINTETIC, WATER BASED					
PRODUCT	APPLICATION	PROPERTIES	VISCOSITY (mPa.s)	SOLIDS (%)	pH
PLASTIKOL SNP/NEF	Fast setting adhesive for tube winding	Fast setting High speed	700 – 900	48 – 51	3,5 – 5,5
PLASTIKOL PVOH1000	Low cost adhesive for tube winding	Medium setting	1.000 – 1.200	28 – 32	3,5 – 5

CASEIN ADHESIVES FOR **LABELING GLASS BOTTLES**

PRODUCT	APPLICATION	PROPERTIES	VISCOSITY (mPa.s)	SOLIDS (%)	pH
KATIKOL SV	Labeling of glass bottles on a slow and medium-speed labeling machines. Beer, wine, water, juice.	Medium viscosity.	40.000 – 60.000	32 – 36	7 – 8,5
KATIKOL VV	Labeling of glass bottles on a medium and high-speed labeling machines. Beer, wine, water, juice.	Medium to high viscosity	50.000 – 80.000	35 – 38	7 – 8,5
KATIKOL VVU	Labeling of glass bottles on a high-speed labeling machines. Beer, wine, water, juice.	High viscosity	70.000 – 90.000	37 – 40	7,5 – 8,5
KATIKOL VVS	Labeling of glass bottles on a high-speed labeling machines. Beer, wine, water, juice.	High viscosity Higher water resistance	70.000 – 115.000	36 – 39	7,5 – 8,5

CASEIN HYBRID ADHESIVES FOR LABELING GLASS BOTTLES

PRODUCT	APPLICATION	PROPERTIES	VISCOSITY (mPa.s)	SOLIDS (%)	pH
HELIOKOL KZ-800	Labeling of warm glass bottles on a slow and medium-speed labeling machines. Wine, water, juice, beer.	Medium viscosity Low cost	70.000 – 100.000	39 – 42	7,5 – 8,5
HELIOKOL KZ-90	Labeling of glass bottles on a high-speed labeling machines. Beer, wine, water, juice.	High viscosity Low cost	80.000 – 100.000	34 – 38	7 – 8,5
HELIOKOL EK/VE	Labeling of warm glass bottles on a slow and medium-speed labeling machines. Wine, juice.	Medium viscosity Low cost	30.000 – 60.000	42 – 45	7,5 – 9

SYNTETIC WATERBASED ADHESIVES FOR LABELING PET BOTTLES

PRODUCT	APPLICATION	PROPERTIES	VISCOSITY (mPa.s)	SOLIDS (%)	pH
PLASTIKOL P-5	Labeling of PET, PVC and PS bottles on a slow and medium-speed labeling machines.	Low viscosity Permanent PSA	20.000 – 40.000	40 – 44	6 – 8
PLASTIKOL RE-5	Labeling of PET, PVC and PS bottles on a slow and medium-speed labeling machines.	Medium viscosity Refillable PET	50.000 – 65.000	32 – 36	7 – 8,5
PLASTIKOL AC	Labeling of PET, PVC and PS bottles on a slow and medium-speed labeling machines.	High viscosity Yellow	85.000 – 115.000	49 – 53	8 – 9,5



PSA HOT MELT ADHESIVES FOR LABELING PET BOTTLES

PRODUCT	APPLICATION	PROPERTIES	VISCOSITY mPa.s (140 °C)	SOFTENING POINT °C	COLOUR
HELIOMELT EB1726	Adhesion to various labels, PP, PET, HDPE, LDPE, glass, etc.	Permanent PSA	1.100	72	Pale-amber
HELIOMELT BF 801	Clear product, Adhesion to various Labels: paper, PP, PET, HDPE, LDPE, glass, etc.	Permanent PSA Clear film	1.000	70	Water -white

HOT MELT ADHESIVES FOR CARTON PACKAGING

PRODUCT	APPLICATION	PROPERTIES	VISCOSITY mPa.s (160°C)	SOFTENING POINT °C	COLOUR
HELIOMELT B 418	Standard packaging adhesive for bonding of cartons , trays and folding boxes	Slightly yellow	1.700	80	Pale-amber
HELIOMELT KBX-1	Premium packaging adhesive for bonding of cartons, trays and folding boxes	Excellent heat stability High adhesion White color	1.200	110	Pearl-white

HOT MELT CLEANERS

PRODUCT	APPLICATION	PROPERTIES	CHARACTERISTIC
HELIOCLEAN BC	Fluid for surface cleaning (spraying or soaking) of hot melt application systems and parts.	Surface cleaning Don't heat!	Water white liquid
HELIOCLEAN B2	Fluid for inside cleaning: hot melt application systems, tanks and hoses.	Inside cleaning Usage temperature: 160°C	Water white oil liquid

ADHESIVES AND SEALANTS FOR SPECIAL VEHICLES AND CONTAINERS

ADHESIVES FOR FLOOR AND WALL COVERINGS

PRODUCT	VISCOSITY	TYPE	APPLICATION
Neostik SK-902 and Neostik SK-903 *	1.100 mPas	PCR solvent based adhesive; higher tem.ressistant	diferent coverings inside vehicles; spray application
Neostik TA and Neostik TA-7 *	2.800 mPas	PCR solvent based adhesive	diferent coverings inside vehicles
Neostik DS-904 and Neostik DS-904/R	8.000 mPas / 35.000 mPas	dispersion based adhesive; roller/spatula application	PVC based floor coverings

* without aromatic solvents

ADHESIVES FOR BONDING INSULATION

PRODUCT	VISCOSITY	TYPE	APPLICATION
Neostik Flexbond	500 mPas	PCR solvent based adhesive; higher temperature resistant	rubber insulation materials
Neostik PU 101 and PU 101/L, Neostik PUR Tixo	10.000 / 55.000 mPas / tix.paste	2K PU adhesive; pot life 45 – 60 min	panels
Neostik PUR -1K/7, PUR-1K/15, PUR-1K/60	6.000 – 12.000 mPas	1K PU adhesives; open time 5 – 60 min.	panels

POLYURETHANE SEALENTS AND OTHER PRODUCTS FOR SEALING

PRODUCT	SKIN FORMATION TIME / MIN.	SHORE	MAIN USE
Neostik PU-500	60	45	sealing/bonding
Neostik PU-600	50	55	bonding
Neostik PU-900	25 – 40	60 – 65	direct glazing; drive away time 2 h
Neostik PU-945	25 – 40	60 – 65	direct glazing; drive away time 2 h
Neostik MS-160	10 – 30	45	sealing/bonding
Cleaner 101, Cleaner WS, Primer 200	not relevant	not relevant	substrat preparation
Neostik SIL 110 Profesional neutral	5 – 20	15 – 25	glazing, dilatation joints, sealing joints of various materials
Neostik SIL 113 Sanitar neutral	5 – 20	15 – 25	sealing joints between various materials in damp places.
Neostik SIL Mini	10 – 20	15 – 25	acetic based sealant used for sealing glass, ceramics and aluminum in damp places

FOOTWEAR ADHESIVES

ADHESIVES FOR LESS DEMANDING BONDINGS

PRODUCT	VISCOSITY	OPEN TIME	TYPE	MAIN USE
Neostik TA and Neostik TA-7 *	2.800 mPas	15-20 min	PCR solvent based adhesive	universal; two side application
Neostik P	2.200 mPas	10-15 min	PCR solvent based adhesive	universal
Neostik SK-111	2.500 mPas	10-15 min	PCR solvent based adhesive	universal
Neostik SK-112 PL	2.200 mPas	10 min. - 12 h	PCR solvent based adhesive	universal
Neostik SK-712	1.700 mPas	10 min. - 24 h	PCR solvent based adhesive	universal; one/two side application
Neostik TA- 3605	1.700 mPas	10 min. - 24 h	PCR solvent based adhesive	universal; one/two side application

* without aromatic solvents

POLYURETHANE ASSEMBLING ADHESIVES

PRODUCT	VISCOSITY	SOLIDS IN %	TYPE	MAIN USE
Neostik PU-S	1800 - 2400 mPas	min. 17.5	2K PU PU solvent based adhesive	The assembly of TR, rubber, PU, PVC or leather soles on leathers
Neostik PU-60	2600 - 2800 mPas	min. 18.0	2K PU PU solvent based adhesive	The assembly of TR, rubber, PU, PVC or leather soles on leathers
Neostik PU-F-20	1200 - 1600 mPas	min. 14.0	2K PU PU solvent based adhesive	The assembly of TR, rubber, PU, PVC or leather soles on leathers (improved adhesion to PU)
Neostik PU-F1	3800 - 4300 mPas	min. 19.5	2K PU PU solvent based adhesive	The assembly of TR, rubber, PU, PVC or leather soles on leathers (improved adhesion to rubber and TR)

ADHESIVES FOR COUNTERS

PRODUCT	VISCOSITY	ACTIVATION TEMPERATURE	APPLICATION
Neostik DS-710	13 - 17 s (Ford Cup)	min.+60°C	dipping shoe counters



HALOGENATION AGENTS, CLEANING AGENTS, FINISHES

PRODUCT	APPLICATION
Activator A+B	hlogenation of TR and rubber soles
Standit ET	covering finish for PU soles.
Standsprej CA	glossy finish for upper parts of natural leather footwear
Standiks BT	quick drying cleaner for natural and artificial leather
Standiks ME	softening agent for natural leather
Standit PN	hardening agent for natural leather
Standiks KB	covering finish for rubber edges.
Standiks G	quick drying cleaner for artificial materials (particularly PVC)

ADHESIVES FOR FLOOR AND WALL COVERINGS

ADHESIVES FOR PARQUETE FLOOR

PRODUCT	TYPE	APPLICATION	APPLICATION
Neostik DS-901 Parketin Uni	dispersion based adhesive	Toothed Spatula	Universal adhesive for parquet flooring
Neostik DS-902 Parketin Classic	dispersion based adhesive	Toothed Spatula	installation of traditional engineered wood floors.
Neostik PU-901 Parketin PUR 2K	2-component polyurethane adhesive	Toothed Spatula	interior installation of solid and engineered wood flooring such as solid strip, plank, parquet and engineered wood plank.

ADHESIVES FOR OTHER TYPES OF FLOOR AND WALL COVERINGS

PRODUCT	TYPE	APPLICATION	MAIN PURPOSE
Neostik DS-900 Aqua Tex	Dispersion based adhesive without solvents	toothed spatula	textile floor coverings
Neostik DS-910 Aqua Perfect	Dispersion based adhesive without solvents	toothed spatula	PVC and textile floor coverings
Neostik DS-921 Plutostik	Dispersion based adhesive with some small amount solvents	toothed spatula	Cork and plastic-coated cork
Neostik DS-931 VarioColl	Dispersion based adhesive with some small amount solvents	toothed spatula	PVC and textile floor coverings
Neostik DS-941 LinoColl	Dispersion based adhesive without solvents	toothed spatula	Linoleum and rubber floor coverings
Neostik CM-001	powder adhesive for wallpapers		

ADHESIVE FOR SPECIAL INDUSTRIAL APPLICATIONS

PRODUCT	VISCOSITY	APPLICATION	MAIN PURPOSE
Neostik DS-904	5000 – 10000 mPas	roller application	PVC and linoleum floor coverings
Neostik DS-904 / R	25000 – 35000 mPas	toothed spatula	PVC and linoleum floor coverings
Neostik DS-027	75 – 85 s (Ford Cup)	spray application	coconut fiber treatment
Neostik DS-915	3000 – 5000 mPas	roller application	PVC floor coverings

ADHESIVES FOR TISSUE AND TOWEL INDUSTRY

PRODUCTS	Application	Properties	Viscosity (mPas)	Solids %	pH
PLASTIKOL LAM3	Tissue converting - layers bonding or laminating paper	Dilution with water till 1:6	16.000 – 22.000	19 – 21	5 – 8
PLASTIKOL ZL 10	For gluing the last paper sheet in the toilet industry and in the manufacturing of kitchen towels	Dilution with water till 1:4	16.000 – 22.000	4 – 6	5 – 8
PLASTIKOL SNP/NEF	Paper and cardboard core winding.	Fast setting	2.000 – 4.000	38 – 41	4 – 5
Devakol SK	Standard dextrin based adhesive for tube winding	High viscosity	3.500 – 8.000	85 – 88	8 – 8,5

BILLBOARD ADHESIVES

WATER BASED ADHESIVES

PRODUCT	APPLICATION	PROPERTIES	VISCOSITY (mPa.s)	SOLIDS %	pH
HELIOKOL EK-15	Gluing of JUMBO bills.	Modified starch adhesive	20.000 – 80.000	12 – 15	12 – 13
HELIOKOL EK-15W	Gluing of JUMBO bills. Winter variant	Modified starch adhesive	20.000 – 80.000	14 – 17,5	12 – 13
PLASTIKOL 26	Gluing of JUMBO bills.	Modified sintetic adhesive	110.000 – 150.000	11 – 14	8 – 10
PLASTIKOL 26W/2	Gluing of JUMBO bills. Winter variant	Modified sintetic adhesive	110.000 – 150.000	19 – 22	8 – 10

DRY STARCH ADHESIVES

PRODUCT	APPLICATION	PROPERTIES	MIXING RATIO Water/glue	MOISTURE %	PH
PLAKATOL 01	Gluing of JUMBO bills.	Standard carboxymethyl starches.	01:18	13	7 – 9
PLAKATOL 01 extra	Gluing of JUMBO bills.	Modified carboxymethyl starches.	01:22	13	7 – 9
PLAKATOL 02	Gluing of JUMBO bills.	Modified carboxymethyl starches.	01:22	13	7 – 9

ADDITIVES AGAINST FREEZING

PRODUCT	APPLICATION	PROPERTIES	VISCOSITY (mPa.s)	SOLIDS %	
HELIOFROST	Winter additive for billboard adhesive	Liquid	0,4 – 06	100	
HELIOFROST S	Winter additive for billboard adhesive	Dry - granules		99	

ADHESIVES FOR BOOKBINDING AND GRAPHICS

PRODUCT	APPLICATION	PROPERTIES	VISCOSITY (mPas)	SOLIDS %	pH or SOFTENING POINT
PLASTIKOL K-611	Bookbinding	Short open time	14.000 – 23.000	47 – 51	4 – 7
HELIOMELT BF 102	Bookbinding Ideal for one-shot bookbinding where a 'water-white' product is required	Short open time High speed	5.300	100	105 °C
HELIOMELT B 849	Side gluing	Clean running Low viscosity	2.600	100	70 °C

RUBBER ADHESIVES

ADHESIVES FOR CONVEYORE BELTS			
PRODUCT	VISCOSITY	SOLIDS %	APPLICATION
Neostik C	1900 – 2300 mPas	min. 24	cold splicing
Neostik C-T3	35 – 45 s (Ford Cup)	min. 19	warm slipcinng; vulcanazing
Neostik C-NV	3200 mPas	min. 13.5	cold splicing; nonflammable
Neostik CK	9 – 15 s (Ford Cup)	min. 11	warm slipcinng; vulcanazing
Neostik TKG	40 – 60 s (Ford Cup)	min. 26	warm slipcinng; vulcanazing

ADHESIVES FOR RUBBER BOATS			
PRODUCT	VISCOSITY	SOLIDS %	APPLICATION
Neostik TB	1100 mPas	min.18	2K PCR adhesive for rubber boats

ADHESIVES FOR VULCANISATION			
PRODUCT	VISCOSITY	SOLIDS %	APPLICATION
Neostik NA	50 – 200 mPas	min. 11	vulcanizing adhesive
Neostik NS	13 – 16 s (Ford cup)	min. 8	vulcanizing adhesive



ADHESIVES FOR **BONDING INSULATION**

PRODUCT	VISCOSITY	TYPE	MAIN USE
Neostik Flexbond	500 mPas	PCR solvent based adhesive; higher temperature resistant	rubber insulation materials
Neostik SGA-T	1.100 mPas	PCR solvent based adhesive; higher temperature resistant	rubber insulation materials; floor coverings
Metacoll PUR Extra	30.000 mPas	2K Pu adhesive; pot life 45 – 60 min	panels
Neostik PU 101 and PU 101/L, Neostik PUR Tixo	10.000 / 55.000 mPas / tix.paste	2K Pu adhesive; pot life 45 – 60 min	panels
Neostik PUR -1K/7, PUR-1K/15, PUR-1K/60	6.000 – 12.000 mPas	1K PU adhesive; open time: 5 – 60 min	panels
Neostik SK-111 Professional	1.100 mPas	PCR solvent based adhesive	floor coverings

ADHESIVES FOR **CIGARETTES**

PRODUCT	APPLICATION	PROPERTIES	VISCOSITY (mPa.s)	SOLIDS %	pH
PLASTIKOL 300V	Machine packing in tobacco industry especially for side- seam	Fast setting Nozzle, roller	550 – 750	45 – 50	3 – 5
PLASTIKOL 313F	For Filter Tipping and making	Fast setting Nozzle, roller	4.200 – 4800	48 – 52	4 – 5
PLASTIKOL 320B	Machine packing in tobacco industry especially for box making.	Fast setting High tack	2.000 – 3.000	50 – 54	4 – 6



ADHESIVES FOR STRAPPING AND TEXTILE

PRODUCT	APPLICATION	PROPERTIES	VISCOSITY (mPa.s)	SOLIDS %	SOFTENING POINT °C
PLASTIKOL R15/9	Water based adhesive for laminating of straps	Good penetration Highly elastic film	2.000 – 4.000	49 – 51	–
HELIOMELT B 815	Hot melt based adhesive for laminating of straps	Clean running	2.500	100	105
HELIOMELT EB 1927	Hot melt based adhesive for laminating of straps	Low degradation at high temp.	2.950	100	110

ADHESIVES AND AUXILIARY PRODUCTS FOR OTHER PURPOSES

PRODUCT	CHARACTERISTICS	MAIN USE
Cyanoacrylate adhesives (Neostik CN-100/I, CN -105/I, CN-110)	viscosity 50-1500 mPas; 1-3 sec.	universal CA adhesives
Cyanoacrylate adhesives (Neostik CN-108)	no smell	3D printing; modeling (Stiropor)
Epoxy adhesives (Neostik EP 101, 102, 103, 105, 106, 111, 121, 411, 421)		universal epoxy adhesives for professionals
PVC adhesives (Neostik PU-601)		soft PVC
Standiks thinners and cleaners	solvent based	for thinning of solvent based adhesives and for cleaning up excess adhesive after application





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