

HELMITIN

Distributor Product Brochure

From when we began almost 100 years ago, HELMITIN has grown into a North American adhesive innovator, manufacturer and distributor to customers in the following markets:

**Woodworking
Construction
Countertops
Thermoforming
Flooring
Steel Doors**

**Mobile Home/RV
Foam Fabrication
Insulation
Automotive OEM & Aftermarket
Footwear
Textile**

Product Lines

**Wood Assembly & Laminating PVAs
Edgebanding Hot Melts
Edgebanding Hot Melt Cartridges
Contact Cement – Solventborne Spray/Brush/Roller Grade
Contact Cement – Waterborne Spray/Brush/Roller Grade
Solvents & Cleaners
Canisters/Aerosol Cans
Canister Accessories**

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Bulk Contact Adhesives and Solvents

Product	Application	Carrier	Description
4510 (Clear or Red)	Spray	Nonflammable Solvent	A versatile, nonflammable polychloroprene contact adhesive with excellent green strength and high heat resistance. Excellent spray. Very fast drying. Postformable. Auto/RV/marine/aircraft trim as well.
4535	Brush / Roll	Flammable Solvent	A high viscosity polychloroprene contact adhesive. Fast drying. Aggressive initial tack. 1 hour open time. High viscosity reduces sagging and soak-in on porous substrates, particle core edges, etc.
4545 (Clear or Red)	Spray	Flammable Solvent	A low viscosity, high performance, general purpose polychloroprene contact adhesive. Excellent spray patterns. Fast drying. Aggressive, highly heat resistant bonds. Excellent for postforming.
4560 (Clear or Red)	Spray	Flammable Solvent	A premium polychloroprene contact adhesive. Fast drying. High heat resistance. Excellent green strength for postforming and flat work. This workhorse product exhibits outstanding performance in a variety of applications.
4565 (Clear or Red)	Spray	Flammable Solvent	A high solids and low viscosity high performance post-forming polychloroprene contact adhesive. Very high heat resistance. Excellent product for automatic spray and post-forming lines. Low HAPs.
4570 (Clear or Red)	Spray	Flammable Solvent	A very high solids, very high heat resistance high performance postforming polychloroprene contact adhesive. Excellent for high speed automatic and manual post-forming applications. Low HAPs.
1575 (Clear or Red)	Spray	Flammable Solvent	A SCAQMD Rule 1168 & OTC compliant contact adhesive; qualifies for several LEEDs credits. No added urea-formaldehyde. Aggressive initial tack with a 1 hour open time. (Flat work only)
1585 (Clear or Green)	Spray	Nonflammable Solvent	A nonflammable, zero VOC, high solids synthetic rubber contact adhesive. LEED & OTC compliant. No added urea -formaldehyde. Excellent spray pattern. Aggressive initial tack. Fast drying with 1 hour open time. (Flat work only)
775 (Clear or Green)	Spray / Brush / Roll	Waterborne	A high solids, solvent free, high performance water-borne polychloroprene contact adhesive for both flat work and post-forming in manual and automatic applications. Aggressive initial tack with long open time.

Aerosol and Canister Contact Adhesives and Cleaners

Product	Application	Carrier	Description
1616 (Clear)	Spray	Flammable Adhesive Flammable Propellant	A VHAP-free, flammable, high solids synthetic rubber aerosol/canister contact adhesive. Designed to bond EPS/Styrofoam™ and painted mirror back without etching the surfaces. Also for general purpose applications. Long open time and high tack. (Not for HPL)

Aerosol and Canister Contact Adhesives and Cleaners (cont.)

Product	Application	Carrier	Description
1635 (Clear)	Spray	Nonflammable Adhesive Flammable Propellant	A high solids synthetic rubber aerosol/canister contact adhesive with long open time and high tack. For foam, fabric, upholstery and general purpose assembly applications (Not for HPL applications)
1675 (Clear or Red)	Spray	Flammable Adhesive Flammable Propellant	A SCAQMD Rule 1168 & OTC compliant aerosol/canister contact adhesive; qualifies for several LEEDs credits. No added urea formaldehyde. Aggressive initial tack with a 1 hour open time. (Flat work only)
1685 (Clear or Green)	Spray	Nonflammable Adhesive Flammable Propellant	A high heat resistance, high solids aerosol/canister contact adhesive. 2-3 minute dry time with 1 hour open time. Aggressive initial tack and bond. Permanently bonds HPL, decorative metal overlays, etc. to many core substrates. (Flat work only)
1695 (Clear or Green)	Spray	Nonflammable Adhesive Nonflammable Propellant	A "Green Diamond" version of our HELMISTIK 1685 canisters. LEED & OTC compliant, low VOC, no added urea-formaldehyde formulation. Excellent spray pattern control. Extended mileage.

Vinyl Acetates and Wood Glues

Product	Application	Flammability / Carrier	Description
805	Extrude / Roll	Nonflammable / Water	A premium, pre-catalyzed, Type II PVA, hot/cold press adhesive. Ideal for bonding HPL, spliced veneer and decorative overlays to particleboard and plywood substrates. General assembly.
816	Roll	Nonflammable / Water	A high performance, Type II veneer laminating adhesive. Specially formulated to prevent bleed-through with porous veneers. Excellent sanding characteristics.
833	Extrude / Roll	Nonflammable / Water	A Type I water resistant PVA - resists boiling water. Ideal for solid wood assembly. FDA approved for use in cutting board and butcher block.
842	Extrude / Roll	Nonflammable / Water	A general purpose, cold/hot press laminating and assembly adhesive. Long open time - ideal for use in multilayer assemblies (curved doors, stair-rails, etc.)
847	Extrude / Roll	Nonflammable / Water	A premium, fast setting PVA wood glue that is ideal for jointing, edge gluing, dowelling and assembly of all types of wood products. High solids reduces processing times, eliminates sunken glue lines.
856	Extrude / Roll	Nonflammable / Water	A very fast setting, yellow wood glue used to bond soft woods, hardwoods, particleboard, etc. Short clamp time makes it ideal for 5-piece cabinet door assembly, dowel/biscuit assembly, case clamped cabinets.
890 (Clear or Green)	Spray / Roll	Nonflammable / Water	A post-formable vinyl acetate copolymer for HPL applications. Postformable. Can be processed by hot/cold press, pinch rolling and stacking, hot laminating and hot bonding.

Hot Melts

Product	Viscosity	Base / Open Time	Description
430 Series	165,000 cP @ 200°C (390°F)	EVA / Short	High performance edgebanding adhesives used extensively on primed PVC, HPL, veneer and melamine paper with typical line speeds of greater than 20 meters/minute.
470 Series	40,000 cP @ 180°C (355°F)	PO / Medium to Long	High performance, polyolefin edgebanding adhesive with excellent adhesion to unprimed HPL and unprimed solid wood edges. Outstanding heat resistance. Invisible glue lines.
480 Series	70,000 cP @ 180°C (355°F)	EVA / Medium to Long	Versatile edgebanding hot melts. Low viscosity allows use in soft-forming and profile wrapping applications. Use with PVC, ABS, PP, melamine and veneer edgetapes, primed HPL, solid wood edges. Pellet and Cartridge format.
490 Series	85,000 cP @ 200°C (390°F)	EVA / Short	Unfilled edgebanding and soft-forming hot melts. Excellent adhesion in particular to primed HPL and solid wood edges. Use with PVC, ABS, PP, melamine and veneer edgetapes as well. Pellet and Cartridge format.
406	18,000 cP @ 175°C (350°F) 1,800 cP @ 177°C (350°F)	EVA / Long	Unfilled, low application temperature hot melt for use on hand-fed and automatic tabletop/contour edgebanders. Designed to bond well at lower temperatures and set slowly as required by these machines.
416HV	1,800 cP @ 177°C (350°F)	EVA / Short	Medium open-time, fast setting assembly hot melt. Good cold resistance. Ideal for countertop core fabrication and cove stick applications. Can also be used in case and carton sealing applications.

Cleaners

Product	Application	Flammability	Description
665		Flammable	Flammable solvent cleaner for flammable solvent based contact adhesives. Use to clean finished parts, equipment and to flush adhesive supply lines.
699		Nonflammable	Nonflammable solvent cleaner for nonflammable solvent based contact adhesives. Use to clean equipment and to flush adhesive supply lines. Use SOLVENT 665 to clean finished parts.
Citrus Cleaner		Flammable	Streak-free, citrus extract based cleaner. Available in spray cans, canisters and pails. Use to remove residual adhesive, grease marks, pen, etc. from finished parts and equipment. Leaves no oily residue.

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