

ADHESIVES



ADHESIVES



CONTACT ADHESIVES











WA 950/951

(LEED)

WA 500

LEED

The professional and economical choice for fast-drying brush/roller grade contact adhesive. Perfect for small or large shops alike.



OTC (LEED)

OTC-compliant, brush/ roller-grade adhesive that applies easily and has a wider working window for consumer



LEED

Spray-grade contact adhesive designed specifically for postforming applications.

NF942/943

(⊘ (m) **(m**)



solids, OTC compliant

adhesives. Contains no

spray-grade contact

methylene chloride

Fast-drying, spraygrade contact adhesive designed for nonpostforming operations. WA 950/951 provides an easy to use, high strength, economical bonding solution.

LOW VOC CONTACT ADHESIVES









SYMBOLS KEY

(V) UL GREENGUARD Certified

California Compliant (SCAQMD, Rule 1168)

Ozone Transport Commission (OTC) Compliant

Non-flammable



Qualifies for LEED® credit(s)

WA 1700/1701





Low VOC, HAPS-free contact adhesive with outstanding bond and heat strength that can be sprayed, brushed or rolled. This product requires less air pressure, making it easier to spray than traditional contact adhesives.





Low VOC, postforming adhesive that is Ozone Transport Commission (OTC) compliant. This high solids contact adhesive contains the same rubber system as traditional solvent-based adhesives that works with traditional spray guns.



WA 1900/19001





Low VOC, adhesive that is California and Ozone **Transport Commission** (OTC) compliant. This high solids contact adhesive requires less air pressure, making it easier to spray than traditional contact adhesives.

Non-flammable, waterbased contact adhesive that can be sprayed, rolled or brushed. Ideal for postforming or non-postforming operations, WA H₂O is a low VOC alternative for operations where the use of flammable solvents is

prohibited or regulated.

WA H₂O

(CA) (CA) (EED)

When you have the need for speed, Wilsonart® Adhesives offer a wide selection of canister and aerosol contact adhesive products. Whether using them for touch up or full scale fabrication, the performance and portability of these products provide a fast, dependable solution for the busy fabricator.

CANISTERIZED CONTACT ADHESIVES



WA 700 /701



WA NF702/703



WA 730/731 (CA) (OTC) (LEED)



WA 740/741

(LEED)



WA NF742/743

(V) (M) (LEED)



WA 700A/WA 740A

(V) (OTC) (LEED)



High strength, high tack canister contact adhesive designed for use with high pressure laminates. WA 700/701 is a methylene chloridefree product that bonds quickly and easily using a web spray pattern.

Utilizing the same rubbers and resins as WA 700/701 but with a proprietary, technologicallyadvanced, NONFLAMMABLE solvent. WA NF702/703 is a true nonflammable canister contact adhesive that is safer and better to spray

than the methylene

chloride products in

the market.

Low VOC, HAPSfree canister contact adhesive designed for use with high pressure laminates. With an innovative pebble spray pattern, WA 730/731 greatly reduces telegraphing. High speed, high strength canister contact adhesive designed for use with high pressure laminates. WA 740/741 is a methylene chloridefree product that bonds quickly and easily using a web spray pattern.

Containing the same high strength rubbers and resins as WA 740/471, the proprietary. technologicallyadvanced nonflammable WA NF742/743 canister contact adhesive is safer, easier, and better to spray than the methylene chloride products in the market.

High speed, methylene chloridefree, and high strength aerosol contact adhesives designed for a variety of applications including high pressure laminates, fabrics, foam, wood, metals, papers, and plastics. California compliant, WA High Tack, also available (see chart).

SOLVENTS AND CLEANERS





WA 110



WA 121







WA ACETONE

NF702A





High speed, methylene chloridefree, and high strength aerosol contact adhesives designed for a variety of applications including high pressure laminates. fabrics, foam, wood, metals, papers, and plastics.

Extremely flammable solvent designed to dissolve dried adhesive film and clean equipment including brushes, spray guns, pumps and pressure pots.

Extremely flammable hydrocarbon blend specifically formulated to remove overspray/ adhesive residue from fabricated parts and decorative surfaces without smearing or leaving an adhesive

WA 130

Extremely flammable, low VOC* solvent designed to dissolve dried adhesive film and clean equipment including brushes, spray guns, pumps and pressure pots.

OTC CA

Extremely flammable, OTCcompliant cleaner that is designed to dissolve and remove dried adhesive overspray and residue from high pressure laminate. Available in multiple volumes.

CITRUS CLEANER

Fast-evaporating acetone is perfect for cleaning fabricated parts and decorative surfaces without leaving a sticky residue or oily film like lacquer

thinner does.

Wilsonart® Adhesives have held together many of America's foremost projects since 1970. Wilsonart's breadth of contact adhesives, cleaners, and solvents are superior in terms of selection and unmatched in terms of performance. Available from your trusted Wilsonart representative.

PVA WOOD GLUE ADHESIVES









WA 10 GLUE



Fast-setting, PVA adhesive designed for wood-to-wood applications and panel manufacturing operations requiring faster machine times.

WA 30 GLUE



High-strength, fast-setting, yellow PVA adhesive designed for wood-to-wood applications. Sands like wood, not like a typical wood glue. Rigid bond improves ease of sanding. Ideal for assembly, cold press and hot press applications.

WA TYPE II GLUE (CA) (CA) (LEED)

Water-resistant PVA assembly adhesive that can be used in hot or cold press panel operations or in radio frequency curing operations.

WA MELAMINE ADHESIVE





Non-flammable acrylic adhesive designed to bond non-porous materials (including melamine, vinyl, high pressure laminate,

PVC, metal, finished plywood, stone, tile, and acrylics) to wood and composite surfaces. Dries quickly to produce a clear, water-resistant bond

OTHER PVA ADHESIVES









WA 31350V





WA 3000





spreader.





PVA adhesive designed specifically to bond laminate to a variety of substrates in cold press applications.



Economical, low viscosity, waterresistant PVA for use in hot press, cold press, or RF

curing operations.

(CA) (CA) (EED)

(CA) (CA) (EED)

Low viscosity PVA adhesive that meets or exceeds the requirements as set out in the Window &Door Manufacturers Association (WDMA) for a Type I and Type II door adhesive.

WA 3140



High-solids, economical PVAbased adhesive designed for use with high pressure laminate in hot press, cold press, and pinch roll, and dead stack applications.

WA 3310



This PVA is made exclusively for bonding metal (non-copper & non-ferrous) like Wilsonart Decorative Metals to board applications. This PVA can be applied by standard glue spreaders and even by paint roller.



UL GREENGUARD CERTIFIED PRODUCTS — Wilsonart firmly believes in a commitment to doing right by our planet. To this end, many Wilsonart® Adhesives have been certified by UL GREENGUARD or UL GREENGUARD GOLD and are monitored on a regular basis. Using these certified products significantly reduces indoor air pollution without adding cost or effort.

CALIFORNIA COMPLIANT CONTACT ADHESIVES

																	Ava	ailat	oility			Ар	plic	atio	n	Job Type		
	Color	Coverage Rate (Bonded H ² /gal)	% Solids by weight	Open Time (minutes)	Dry Time (minutes)	Viscosity (cps) typical	Density (lbs/gallon)	VOC (less water & exempt solvent g/L)	VOC/liter of material g/L (calculated)	VHAP (lbs VHAP/lb/solids)	UL GREENGUARD Gold Certified	California Compliant	Non-riammable Qualifies for LEED® credit(s)	Aeros	Quart	Gallon Pail	55-Gallon Drum	5-Gallon	330-Gallon lote 9-lb. Canister	30-lb. Canister	140-lb. Canister	300-Ib. Canister	Brush-On	Roll-On	Spray-On	Aerosol	Flat-work Postforming	High-Speed Postforming
Contact Adhesive	es																											
HIGH TACK AEROSOL	Near White	14.4 ft²/can@2.5 dry grams/ft²	17.9%	~15	1-5	N/A	6.6	N/A	<55%	N/A	12	(A)	(E	•									\Box		•	• (b .	
WA 730/731	Red/Natural	20-27 ft ² /lb@2.5 dry grams/ft ²	N/A	~30	2-5	N/A	7.9	<40	N/A	0.00	12	(A)	6					\perp		27 lb	128lb	270 lb	\Box		•	• (0 (
WA 1900/1901	Red/Natural	214@3.0 dry grams/ft ²	35.5%±1.0%	~30	3-5	14000	7.96	78	31	0.03	12	(A)	0			•	•						•	•	•	- [•	
WA H ₂ 0	White/Green	357@3.0 dry grams/ft ²	52.0%±2.0%	~60	20-30	N/A	9.1	<0.1	N/A		12	@ () (C			•	•	•				Ш	•	•	•		• •	•

Dry Time - The time that it takes a contact adhesive to dry before both laminate and substrate are ready to bond.

Open Time - The window of time that begins when an adhesive is dry enough to bond and ends when the adhesive is too dry to bond. Temperature and humidity alter open time and dry time.

OTC COMPLIANT CONTACT ADHESIVES

																	Av	aila	bilit	у			A	pplic	catio	n	Jo Typ	
	Color	Coverage Rate (Bonded ff²/gal)	% Solids by weight	Open Time (minutes)	Dry Time (minutes)	Viscosity (cps) typical	Density (lbs/gallon)	VOC (less water & exempt solvent g/L)	VOC/liter of material g/L (calculated)	VHAP (Ibs VHAP/Ib/solids)	UL GREENGUARD Gold Certified	OTC State Compliant	Non-riammable Qualifies for LEED® credit(s)	14.2 oz Aerosol Can	Quart	Gallon 5-Gallon Pail	55-Gallon Drum	275-Gallon Tote	330-Gallon Tote	9-Ib. Canister 30-Ib. Canister	140-lb. Canister	300-lb. Canister	Brush-On	Roll-On	Spray-On	Aerosol	Flat-work Postforming	High-Speed Postforming
Contact	Adhesives																											
600	Natural	111@3.0 dry grams/ft²	21.0%±1.0%	~60	20-30	1200	7.0	671	669	1.25		-	0		•	• •	•						•	•			•	
700A, 740A	Near White	14.4 ft²/can@2.5 dry grams/ft²	17.9%	~15	1-5	N/A	6.6	N/A	<55%	N/A		ᡂ	0	•											•	•	•	
730/731	Red/Natural	20-27 ft ² /lb@2.5 dry grams/ft ²	N/A	~30	2-5	N/A	7.9	<40	N/A	0.00		◎	0							27 1	b 128II	270 lb			•	•	• 1	
NF702A	Near White	14.4 ft²/lb@2.5 dry grams/ft²	17.9%	~15	1-5	N/A	6.6	N/A	<55%	N/A			<u></u>												•	•	•	
1700/1701	Red/Natural	254@2.5 dry grams/ft² (spray)	36.0%±1.0%	~40	3-5	760	7.7	8**	3**	0.00		ᡂ	0			•	•						•	•	•		•	
1800/1801	Red/Natural	152@2.0 dry grams/ft² (spray)	18.5% ±0.5%	~30	3-5	450	7.4	249	46	0.07		ᡂ	0			•	•						•	•	•	_	• •	
1900/1901	Red/Natural	214@3.0 dry grams/ft ²	35.5%±1.0%	~30	3-5	14000	7.96	78	31	0.03		©A)	0			•	•		\perp	\perp			•	•	•	_	•	Ш
H ₂ O	White/Green	357@3.0 dry grams/ft ²	52.0%±2.0	~60	20-30	N/A	9.1	< 0.1	N/A	< 0.035	12	⊕ @	<u></u>	oxed		• •	•	•					•	•	•		• •	•

Dry Time - The time that it takes a contact adhesive to dry before both laminate and substrate are ready to bond.

Open Time - The window of time that begins when an adhesive is dry enough to bond and ends when the adhesive is too dry to bond. Temperature and humidity alter open time and dry time.

^{**}TBAC is recognized in 40 C.F.R. 51. 100(s) and by the EPA as a VOC exempt compound. Alaska, California, Kansas, Wyoming and Washington D.C. have not formally recognized this exemption. Contact your local regulatory agency to provide clarification on the exemption status. (As of 06/2013)

 $[\]blacksquare \ \, \text{Contact your Wilsonart Adhesives Representative for more information}.$

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CONTACT ADHESIVES

																	Å	Avai	labil	ity			A	ppli	catio	on	Jo Typ	
	Color	Coverage Rate (Bonded ft²(gal)	% Solids by weight	Open Time (minutes)	Dry Time (minutes)	Viscosity (cps) typical	Density (lbs/gallon)	VOC (less water & exempt solvent g/L)	VOC/liter of material g/L (calculated)	VHAP (lbs VHAP/lb/solids)	UL GREENGUARD Gold Certified	California Compliant	OTC State Compliant Non-flammable	Qualifies for LEED® credit(s)	14.2 oz Aerosol Can	Quart	5-Gallon Pail	55-Gallon Drum	275-Gallon Tote	330-dallon lote 9-lb. Canister	30-lb. Canister	140-lb. Canister 300-lb. Canister	Brush-On	Roll-On	Spray-On	Aerosol	Flat-work Postforming	High-Speed Postforming
Contact	Adhesives																											
500	Natural	104@3.0 dry grams/ft ²	20.5%±1.0%	~60	10-15	600	6.7	601	448	0.83				0				•					0	•			•	
600	Natural	111@3.0 dry grams/ft ²	21.0%±1.0%	~60	20-30	1200	7.0	671	669	1.25		6		ŏ	П	• •		•	\top	\top	Н	\pm		•	H	\neg	•	\Box
700A, 740A	Near White	14.4 ft ² /can@2.5 dry grams/ft ²	17.9%	~15	1-5	N/A	6.6	N/A	<55%	N/A	12			(-)	•		T	П	\top	\top	П				•	•	•	\Box
700/701	Red/Natural	20-25 ft ² /lb@2.5 dry grams/ ft ²	N/A	~30	3-5	N/A	5.9	490	N/A	0.21	12			0	П						•				•	•	•	П
NF702/703	Green/Natural	20-25 ft ² /lb@2.5 dry grams/ ft ²	N/A	~30	3-5	N/A	9.9	905	819	0.0	12		@) ()	П						•				•	•	•	
730/731	Red/Natural	20-27 ft ² /lb@2.5 dry grams/ ft ²	N/A	~30	2-5	N/A	7.9	<40	N/A	0.00	12	(A)		0	П						27 lb	128lb 270lb	ь		•	•	0 (
740/741	Red/Natural	20-25 ft ² /lb@2.5 dry grams/ ft ²	N/A	~30	2-5	N/A	5.9	489	N/A	0.20				0	П						•	• •			•	•	•	
NF702A	Near White	14.4 ft ² /can@2.5 dry grams/ft ²	17.9%	~15	1-5	N/A	6.6	N/A	<55%	N/A	12		<u></u> ● @												•	•	•	
NF742/743	Green/Natural	20-25 ft ² /lb@2.5 dry grams/ ft ²	N/A	~30	3-5	N/A	9.9	907	821	0.0	12		@	9 🕝							•	•			•	•	•	
800/801	Red/Natural	144@2.0 dry grams/ft ²	19.0%±1.0%	~30	3-5	90	6.6	596	418	0.66				0			•	•	- 4	•					•	Ш	• •	,
844	Red	143@2.0 dry grams/ ft ²	19.0%±1.0%	~30	3-5	100	6.6	575	372	0.39				0	Ш		\perp	•	- 4	•			\perp		•	\perp		•
860/861	Red/Natural	136@2.0 dry grams/ft ²	18%±1.0%	~30	3-5	80	6.6	603	419	0.70				0			•	•	•	•					•	\Box		•
950/951	Red/Natural	131@2.0 dry grams/ ft ²	17.5%±0.5%	~60	3-5	150	6.6	606	435	0.75				0			•	•	•						•		•	
981	Natural	136@2.0 dry grams/ft ²	18% ±1.0%	~60	3-5	150	6.6	602	417	0.70				(-)	4 1	•			•	•					•	\Box	•	$\perp \perp \perp$
1700/1701	Red/Natural	254@2.5 dry grams/ ft ² (Spray)	36% ±1.0%	~40	3-5	760	7.7	8**	3**	0.00	12		<u></u>	<u> </u>			•	•			Ш			•	•	\perp	•	\perp
1800/1801	Red/Natural	152@2.0 dry grams/ ft ² (Spray)	18% ±.5%	~30	3-5	450	7.4	249	46	0.07	12	(<u>-</u>	0			•	•			Ш	\perp		•	•	_	• •	,
1900/1901	Red/Natural	214@3.0 dry grams/ft ²	35.5%±1.0%	~30	3-5	14000	7.96	78	31	0.03		(A)		@			•	•					•	•	•		•	Ш
H ₂ O	White/Green	357@3.0 dry grams/ ft ²	52% ±2.0%	~60	20-30	N/A	9.1	<0.1	N/A	<0.035	12	@ (<u>-</u> ⊚ @	0	Ш	•	•	•	•		Ш		•	•	•	Ш	• •	•

 $[\]textbf{Dry Time} - \textbf{The time that it takes a contact adhesive to dry before both laminate and substrate are ready to bond.}$

Open Time - The window of time that begins when an adhesive is dry enough to bond and ends when the adhesive is too dry to bond. Temperature and humidity alter open time and dry time.

PVA ADHESIVES

																		А	vail	abil	ity			App	olica	atio	n	J	ob Ty	ypes	
	Color	Coverage Rate (Bonded ft ² (gal)	% Solids by weight	Open Time (minutes)	Closed Time (minutes)	Press Time (minutes @ 40-50 psl)	Viscosity (cps) typical	Density (lbs/gallon)	VOC (less water & exempt solvent g/L)	VHAP (lbs VHAP/lbs solids)	UL GREENGUARD Gold Certified	ornia (OTC State Compliant	Qualifies for LEED* credit(s)		Fluorescent Dye Added	Pint	5-Gallon Pail	45-lb Pails	55-Gallon Drum	270-Gallon Tote	275-Gallon Tote	2500-lb Tote Rrish-On/Squeeze Rottle	Spray & Pinch Roller	Glue Spreader & Pinch Roller	Glue Spreader & Hot Press	Glue Spreader & Cold Press	Flat-work High-Speed Postforming	Joint Assembly	High-Speed Postforming Edge Metals to Wood	Hard-to-bond Surfaces
PVA Ac	lhesive	5																													
20	Yellow	~229 bonded ft²/gallon@7 wet mils	47%±2%	5	20	20-60^	4750	9.0	<20	<0.032	96	(CA)	⊚	0 🕞		•	Т	•		•	Т	•	T•	T	Т		•	•	•	Т	П
3000	Pink	~229* bonded ft²/gallon@7 wet mils	58%±2%	2-5	N/A	1-2□	2850	9.0	<20	<0.032	12	(A)		0 0		П	\top	•		•		•	\top	•	•	•	丁		\Box		П
3004	White	~229* bonded ft²/gallon@7 wet mils	58%±2%	2-5	N/A	1-20	3250	9.0	<20	<0.032	12					П		•		•		•	T	•	•	•	T		П		П
3035	Blue	~229* bonded ft²/gallon@7 wet mils	55% ±2%	2-5	N/A	1-20	3000	8.8	<20	<0.020	12	(A)	⊚	0		•		•		•		•	Т				T		П	•	П
3100	White	~229 bonded ft²/gallon@7 wet mils	43% ±2%	5	30	30-60^	5750	9.4	<20	<0.042	12	(A)	ᡂ €	0		П			•	•	,		•				•	•	П		П
3105	White	~229 bonded ft²/gallon@7 wet mils	45% ±2%	5	20	30-60^	6000	9.3	<20	<0.040	12	(A)	⊚	0)					•	,		•				•	•			
3116	White	~229 bonded ft²/gallon@7 wet mils	43% ±2%	5	20	30-60^	5750	9.1	<20	<0.043	12		⊚						•	•)		•				•	•			
3125	White	~229 bonded ft²/gallon@7 wet mils	53% ±1%	5	20	30-60^	2500	9.5	<20	<0.032	12	©A)	⊚	0	•				•	•)		•			•	•	•	•		
3131	White	~229 bonded ft²/gallon@7 wet mils	62% ±2%	3-5	15-20	2-3□	4850	9.4	<20	<0.042	10		⊚						•	•)		•			•	•	•			
3132	White	~229 bonded ft²/gallon@7 wet mils	58%±2%	3-5	10-15	2-3□	9250	9.5	<20	<0.031	12		ᡂ ②						•	•)		•			•	•	•			Ш
31350V	White	~229 bonded ft²/gallon@7 wet mils	57%±1%	5	15	30-60^	4500	9.5	<20	<0.032	12		⊕			Ш			•	•	,		•			•	•	•	•	\perp	Ш
3140	White	~229 bonded ft²/gallon@7 wet mils	45% ±2%	5	15-20	30-60^ 1-20	5800	9.3	<20	<0.031	92		ᡂ			Ш	\perp		•	•	,		•		•	•	•	•	Ш	\perp	Ш
3310	White	~229 bonded ft²/gallon@7 wet mils	63% ±1%	5	20	45-60^	1400	8.9	<20	<0.042	12	(CA)	ᡂ	0					•	•)		•				•	•	Ш	•	•
WA Melamine Glue (WA3330)	Off-White	~229 bonded ft²/gallon@7 wet mils	57% ±2%	N/A	N/A	N/A	3800	9.0	7	<0.005	V	<u>@</u>	⊚	0			•	•		•	,		. -	•	•		•	•	•		•
Type II	White	~229 bonded ft²/gallon@7 wet mils	49% ±1%	5	20		4900	9.1	<20	<0.032	12	(A)	⊚ @	0	•		• •	•		•	•		•			•	•	•	•		П
WA White Glue	White	~229 bonded ft²/gallon@7 wet mils	45% ±2%	5	20	30-60^	5600	9.1	<20	<0.032	12		⊕ @	1		•	•	•		•		•		,			•	•	•	T	
(WA10) WA Wood Glue (WA30)	Yellow	~229 bonded ft²/gallon@7 wet mils	47% ±2%	N/A	N/A	N/A	5000	9.8	<20	<0.032	12	(A)	⊚ @	9 0		•	•	•		•		•	1.			•	•	•	•	\dagger	П

*Spray~255 ft²/gal (bonded)

 $\hfill\Box$ Hot Press Time

^ Cold Press Time

All Wilsonart PVAs are Non-Flammable

Open Time - The window of time that begins when an adhesive is applied to the substrate and ends when the laminate is applied to make an assembly. Temperature and humidity alter open time.

Once the assembly has been made, the user has a window of opportunity (Closed Time) for the project to be placed in the press and pressure applied by the press. If the user misses the closed time the adhesive has already formed a skin.



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