



ichemco

Pressure Sensitive Adhesive - Specialty Chemicals



PRODUCTS FOR LABELS

Primers - Pressure Sensitive Adhesives
Microsphere based PSA - Additives – Tackifiers
Release Agents



Ichemco has been your quality partner in the world of labels since 1979.

We supply the perfect pressure-sensitive adhesives for producing every kind of label, from ultra-removable to super-permanent, for all coating technologies.

UNI EN ISO 9001:2008
UNI EN ISO 14001:2004



SISTEMI DI GESTIONE
CERTIFICATI



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WATERBORNE PRIMERS



	TS (%)	Application
PRIMER EPA W	30	Primer for treated and untreated PP for rubber solvent PSA
PRIMER EPA W5	50	Primer for treated PP and PE, improves anchorage of waterborne acrylic PSA and inks
PRIMER MC-K	22	Waterborne primer for treating paper that will be coated with removable microspheres acrylic adhesives
VINILPRIMER E5B	44	Primer for rigid and plasticized PVC for natural rubber solvent borne PSA

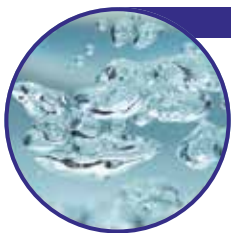
ACRYLIC PSA WATER DISPERSIONS



	TS (%)	L. T.ack* (g)	Peel* (g/in)	Shear* (h)	Properties
TACKWHITE NA 55	50	150	30	100	Removable
TACKWHITE AMC 20	46	130	45	n.a.	Removable and repositionable for direct coating on paper
TACKWHITE AMC 3D	41	150	200	n.a.	Removable and repositionable for PVC
TACKWHITE AMC 24	46	300	200	n.a.	Removable and repositionable for polyolefines
TACKWHITE AMC 4D	47	150	300	n.a.	Removable and repositionable for PVC
TACKWHITE AP5 M	49	400	500	100	Removable
TACKWHITE CR72	54	800	900	25	Resistant to low temperatures
TACKWHITE A33	51	700	1000	50	Transparent
TACKWHITE AP 15	44	700	1000	70	Removable
TACKWHITE AK 11	50	900	1000	50	Resistant to plasticizers
TACKWHITE A 38	48	1500	1100	2	Removable in alkaline water
TACKWHITE A 11 DF	60	1200	1200	20	Food contact approved, resistant to low temperatures
TACKWHITE A 62 SF2	50	1000	1400	5	Permanent

*Average values; 22±2 g/m² of dry adhesive on PET film 36 µm

SBR PSA WATER DISPERSIONS



	TS (%)	L. Tack* (g)	Peel* (g/in)	Shear* (h)	Properties
TACKWHITE SB4 B3	49	1200	1500	2	Permanent paper labels
TACKWHITE SB4 SL2	50	1200	1800	5	Permanent for difficult substrates
TACKWHITE SB5 SL5	50	1600	2100	10	Paper labels for cloth and synthetic leather

*Average values; 22±2 g/m² of dry adhesive on PET film 36 µm

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PAGE UNDER REVISION

TACKIFIERS FOR WATERBORNE SYSTEM



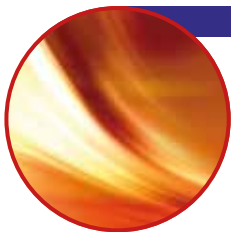
	TS (%)	R&B (°C)	Chemical nature
TACKIFIER 15	50.5	85	Hydrocarbon resins
TACKIFIER 55	55	62	Dispersion of rosin acids, esters, hydrocarbon resins
TACKIFIER 65	52	62	Rosin esters
TACKIFIER 71	50	n.a.	Acrylic polymer
TACKIFIER 80	55	83	Rosin esters
TACKIFIER 95	53.5	80	Modified rosin esters

ADDITIVES



DEFOAMER FL9	Modified siloxane defoamer for adhesives
DEFOAMER FL1 CONC	Non-silicone defoamer for any kind of water dispersions
WETTING AGENT 62	Improves wettability of water dispersions
THICKENER SL 6103	Thickener for waterborne acrylic, SBR, and NL products
THICKENER PU3	Thickener for waterborne PU and NL products
THICKENER NL	Thickener for waterborne acrylic, SBR, and NL products

ACRYLIC SOLVENT BORNE SELF CROSSLINKING ADHESIVES



	TS (%)	L. Tack* (g)	Peel* (g/in)	SAFT* (°C)	Viscosity (mPa.s)	Solvent	Properties
SOLACRIL 744	50	800	1200	n.a.	6000	ethyl acetate toluene	For decals and labels

*Average values; 25±3 g/m² of dry adhesive on PET film 23 µm on SS

NATURAL AND SYNTHETIC RUBBER SOLVENT BORNE



	TS (%)	L. Tack* (g)	Peel* (g/in)	SAFT* (°C)	Viscosity (mPa.s)	Solvent	Properties
TACKSOL 10/85 HST	25	1200	900	150	22500	hexane toluene	For removable film labels
TACKSOL SM 3	32	2200	1700	109	22500	hexane	High cohesion
TACKSOL A48 M2	55	1300	2000	118	8000	toluene	High performance tapes and labels

*Average values; 22±3 g/m² of dry adhesive on PET film 6 µm

SPRAYABLE SOLVENT BORNE PSA



	TS (%)	L. Tack* (g)	Peel* (g/in)	Viscosity (mPa.s)	Solvent	Properties
SOLACRIL SPR 12 M3	9	n.a.	n.a.	300	isohexane acetone	Spray-able repositionable, acrylic solvent borne
TACKSOL SPR 33	33	n.a.	n.a.	6750	heptane cyclohexane isohexane	Spray-able, permanent, natural rubber solvent borne

PRODUCTS FOR LABELS

SIS HOT MELT PSA



	L. Tack*	Peel*	R&B	SAFT*	Viscosity	Properties
	(g)	(g/in)	(°C)	(°C)	@170°C (mPa.s)	
TACKMELT A3	1900	1000	85	79	2750	Removable, low viscosity
TACKMELT R008	1800	1200	129	104	30000 ¹	Removable for low energy substrates
TACKMELT A34 MED	1900	1200	85	79	4000	For medical devices
TACKMELT 33C	2000	1300	95	79	6750	PE, PU foams, textiles
TACKMELT 46C	2700	1800	104	92	6750	Low odor
TACKMELT A43A	2300	2500	83	83	10000	PE, PU foams
TACKMELT 53B	2700	2700	85	78	4000	PE, PU foams, textiles
TACKMELT A8	3200	3000	93	84	6000	Versatile product
TACKMELT A9	3200	3100	113	95	10000	Labels and foams
TACKMELT HM 10A	2800	3100	105	94	17500	Resistant to high temperatures
TACKMELT HM 15A	2500	3900	110	97	45000	Resistant to high temperatures

*Average values; 30±3 g/m² of dry adhesive on PET film 23 µm, TCA treated
¹@190°C

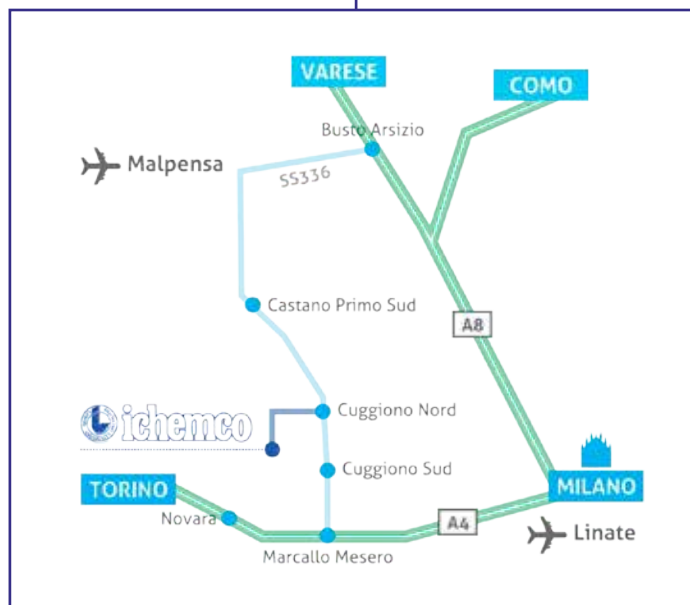
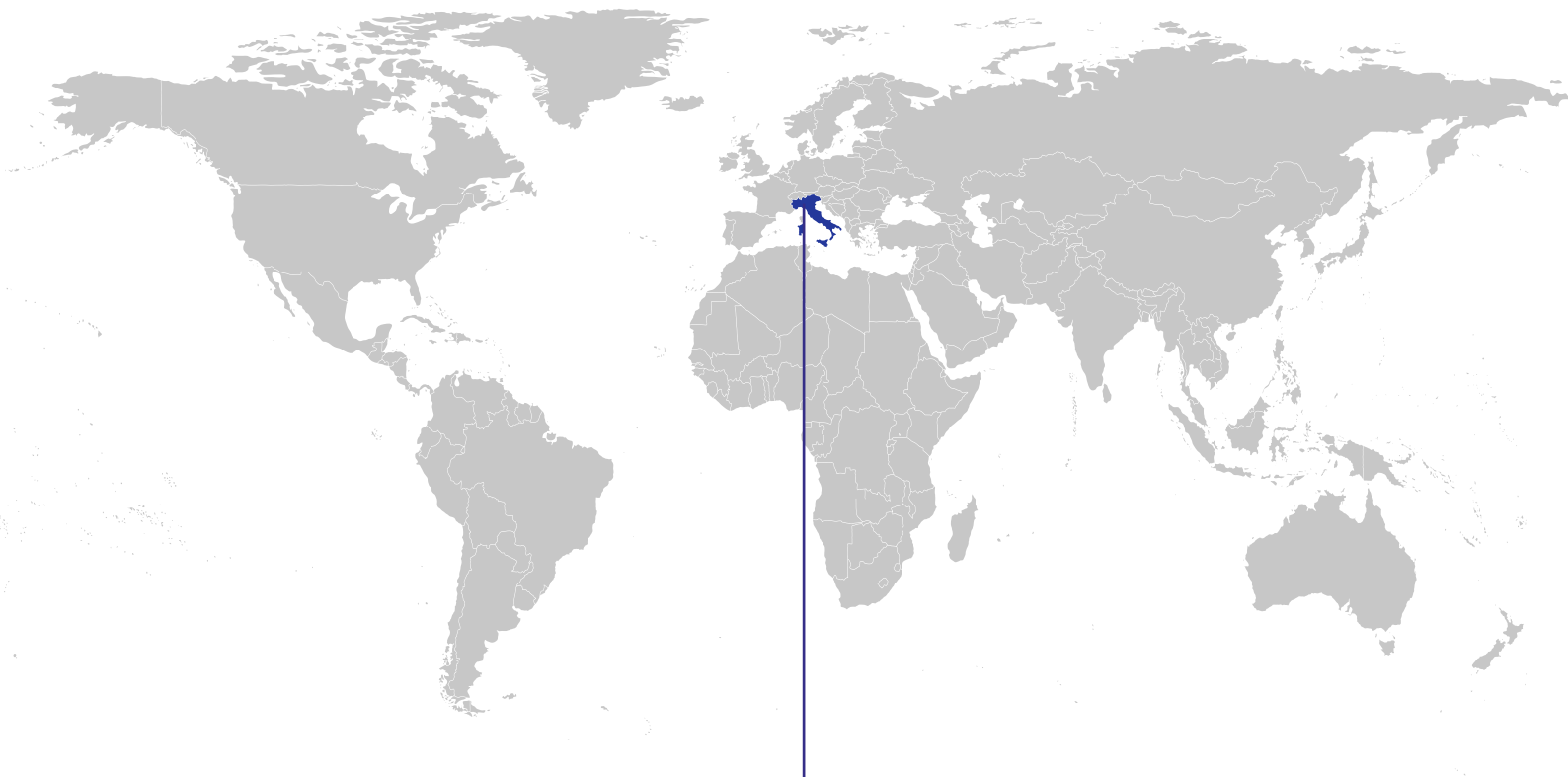
WATERBORNE RELEASE FOR PAPER



	TS (%)	Application
RELEASE W40 GP1	40	Writable release for sticky notes



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Via XI Settembre, 5 - 20012 Cuggiono (MI) - Italy

T. +39 02 97 24 31 - F. +39 02 97 24 32 00

info@ichemco.it - www.ichemco.it