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Thai Mitsui Specialty Chemicals Co., Ltd.



ACRYLIC ADHESIVE

Trade Name	Application	Chemical Type	Appearance	Non-Volatile Content (%)	Viscosity (30°C)	pH	Uses & Features
Acrylax-506	Glass Mat	Acrylic Adhesive	Milky White Liquid	44 - 46	< 100 cps.	4 - 6	Acrylic emulsion, self-cross linking type which is used for fiber glass mat for battery separator

Trade Name	Application	Chemical Type	Appearance	Non-Volatile Content (%)	Viscosity (30°C)	pH	Uses & Features
Acrylax-7307	Construction	Acrylic Adhesive	Milky White Viscous Liquid	54 - 56	80,000 - 140,000 cps.	4 - 6	Acrylic emulsion, good adhesion strength which is used for PVC floor tile adhesive
Acrylax-414	Construction	Acrylic Adhesive	Milky White Viscous Liquid	56 - 58	3,000 - 8,000 cps.	4 - 6	Acrylic emulsion, Soft, flexible, and good adhesion strength which is used for Acrylic sealant



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Acrylax-1057	Packaging	Acrylic Adhesive	Milky White Viscous Liquid	54 - 56	17,000 - 23,000 cps.	4 - 6	PSA for label and various tape with excellent adhesion strength
Acrylax-7012	Packaging	Acrylic Adhesive	Milky White Liquid	39 - 42	100 - 150 cps.	6 - 9	Overlay lamination plastic film with paper, special develop for metalize film with high adhesion strength
Acrylax-7013	Packaging	Acrylic Adhesive	Milky White Liquid	45 - 47	150 - 350 cps.	6.5 - 8.5	Overlay lamination plastic film with paper such as OPP, PET, etc. films with high adhesion strength



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PVAC ADHESIVE (Polyvinyl Acetate Emulsion)

Trade Name	Application	Chemical Type	Appearance	Non-Volatile Content (%)	Viscosity (30°C)	pH	Uses & Features
Vynlax-282 L	Packaging	PVAC Adhesive	Milky White Viscous Liquid	26 - 28	400 - 800 cps.	4 - 6	Multi-wall paper sack assembly and lamination, special develop for various paper type
Vynlax-6045	Packaging	PVAC Adhesive	Milky White Viscous Liquid	52 - 54	4,000 - 4,500 cps.	4 - 6	Corrugated carton lamination, special develop for rapid setting speed
Vynlax-6131	Packaging	PVAC Adhesive	Milky White Viscous Liquid	24 - 26	4,000 - 6,000 cps.	6 - 8	Multi-wall paper sack assembly and lamination for various applicator and paper type
Vynlax-6145	Packaging	PVAC Adhesive	Milky White Viscous Liquid	40 - 42	4,000 - 7,000 cps.	6 - 8	Corrugated paper sheet and paper tube lamination
Vynlax-6150	Packaging	PVAC Adhesive	Milky White Viscous Liquid	40 - 42.5	1,000 - 1,500 cps.	6 - 8	Corrugated carton lamination and general purpose



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PVAC ADHESIVE (Polyvinyl Acetate Emulsion)

Trade Name	Application	Chemical Type	Appearance	Non-Volatile Content (%)	Viscosity (30°C)	pH	Uses & Features
Vynlax-221	Wood Working	PVAC Adhesive	Milky White Viscous Liquid	34 - 36	260,000 – 360,000 cps.	4 - 6	Special develop for highest viscosity PVAc adhesive for general purpose
Vynlax-6101	Wood Working	PVAC Adhesive	Milky White Viscous Liquid	42 – 45	44,000 – 60,000 cps.	4 – 6	Overlay lamination veneer, paper foil, and assembly flame with PB and MDF
Bondwood 1001	Wood Working	PVAC Adhesive	Milky White Viscous Liquid	49 - 51	55,000 - 85,000 cps.	4 - 6	Lamination, joint bonding and assembly for various wood species. It has good water (D2) resistance with high adhesion strength
Bondwood 3006	Wood Working	PVAC Adhesive	Milky White Viscous Liquid	44 - 46	15,000 - 25,000 cps.	6 - 8	Finger joint bonding for various such as para-rubber, beech, etc. It has good water (D2) resistance with high adhesion strength
Bondwood 3300	Wood Working	PVAC Adhesive	Milky White Viscous Liquid	47 - 49	7,000 - 15,000 cps.	2.5 – 4.0	Lamination, joint bonding for various wood species and overlay lamination veneer. It has high water (D3) resistance with high adhesion strength



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VU ADHESIVE (Vinyl Urethane Adhesive) / EPI ADHESIVE (Emulsion Polymeric Isocyanate Adhesive)

Trade Name	Application	Chemical Type	Appearance	Non-Volatile Content (%)	Viscosity (30°C)	pH	Uses & Features
Struct Bond VU-560	Wood Working	EPI Adhesive	Milky White Viscous Liquid	43 - 46	6,000 - 12,000 cps.	6 - 8	Lamination and joint bonding for various wood species such as para-rubber, ash, birch, etc. It has excellent water (D4), heat, and solvent resistance with high adhesion strength
Struct Bond VU-780	Wood Working	EPI Adhesive	Milky White Viscous Liquid	53.5 – 56.5	7,000 - 17,000 cps.	6 - 8	Lamination and joint bonding, special develop for “hard to bond” wood species such as teak, rose wood, etc. It has excellent water (D4), heat, and solvent resistance with high adhesion strength
Struct Bond VU-892	Wood Working	EPI Adhesive	Milky White Viscous Liquid	58 - 60	6,000 - 20,000 cps.	6 - 8	Lamination and joint bonding, rapid cure type for various wood species such as oak, maple, etc. It has excellent water (D4), heat, and solvent resistance with high adhesion strength



PU ADHESIVE (Poly Urethane Adhesive)

Trade Name	Application	Chemical Type	Appearance	Non-Volatile Content (%)	Viscosity (30°C)	Uses & Features
Takelac PP-9690V	Solvent Base	PU Adhesive	Pale Yellowish Liquid	68 - 72	4,000 - 8,000 mPa.s	Polyether polyol polyurethane adhesive, combine with I-5000. It has excellent green tack use for various packaging such as OPP/CPP, OPP/vmCPP, NY/LLDPE, PET/LLDPE
Takelac PP-6260	Solvent Base	PU Adhesive	Pale Yellowish Hazy Liquid	58 – 62	500 - 2,000 mPa.s	Polyester polyol polyurethane adhesive, combine with I-3000. It can be used for general purpose to medium retort packaging such as Ny/LLDPE, PET/Al/CPP, PET/Ny/CPP
Takelac PP-5250	Solvent Base	PU Adhesive	Yellowish Transparent or Hazy Liquid	50	200 - 2,000 mPa.s	Polyester polyol polyurethane adhesive, combine with I-5200 use for PET/Al/CPP, PET/Ny/Al/CPP, Ny/CPP. It can be safely used for aluminum retort pouches in compliance with FDA



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PU ADHESIVE (Poly Urethane Adhesive)

Trade Name	Application	Chemical Type	Appearance	Non-Volatile Content (%)	Viscosity (30°C)	Uses & Features
Takenate I-2350A	Solvent Free	PU Adhesive	Yellowish Transparent or Hazy Liquid	100	490 mPa.s	Solvent free polyurethane adhesive, combine with PP-2350B use for various packaging such as OPP/CPP, OPP/vmCPP, NY/LLDPE, PET/vmPET
Takelac PP-3210	Extrusion	PU Adhesive	Pale Yellowish Liquid	48 - 52	300 - 1,000 mPa.s	Rapid cure type AC agent for extrusion lamination, combine with I-3072M use for various films such as PET, Ny, OPP, Al foil, etc.