



PARTITE[®]
Methacrylate Structural Adhesives

PARTITE® Acrylic Structural Adhesive

PARTITE Adhesives are no mix, two-part system. Simply apply adhesive to one surface, the activator to the other and join parts together. Fixture time will range from 60 seconds to 5 minutes depending upon the grade.

Following are the most popular grades with specifications. Custom formulations and variety of packing are available.

Product	Color	Viscosity, cps 20 rpm	Cure Speed	Shear Strength (psi)	Temperature Range	Activator	Application
9326	Amber	18,000 - 26,000	Fixture - 1 min. Full - 24 hrs.	3,000	-65°F to 250°F	1387	General - purpose structural adhesive. Ideal for fast fixturing. Excellent adhesion to wide variety of surfaces.
9330	Amber	67,000 - 82,000	Fixture - 5 min. Full - 24 hrs.	3,700	-65°F to 275°F	1387	Excellent adhesion to wide variety of surfaces such as glass, plastics, metals, ferrite, wood, ceramics, etc.

PARTITE® Activators & Primers

Product	Viscosity, cps	Color	Use With	Application
1200	2 - 4	Amber	Methacrylates	Primer to improve adhesion of methacrylates on metal surfaces.
1387	3 - 5	Tan	9326, 9330	Activator to increase the cure speed of structural acrylic adhesives.
77	8 - 10	Amber	All Methacrylate, PU and Epoxy adhesives	Primer for TPO, Polypropylene, and tough to bond plastic surfaces.

PARTITE® Static Mixers & Dispensing Gun

Part No.	Shape	Elements	Cartridge Type / Dispensing Gun
7300 - 028	Square	16	50 ml 1:1 side by side
705-16T	Round	16	50 ml 10:1 side by side
7180 - 818AN	Square	18	200 ml, 400 ml side by side 1:1 cartridge
7160 - 824AN	Round	24	200 ml, 400 ml 1:1 & 380ml 10:1 coaxial
7180 - 824AN	Square	24	200 ml, 400 ml 1:1 & 380ml 10:1 coaxial
708-24	Round	24	490 ml 10:1 side by side
706-18T	Round	18	490 ml 10:1 side by side
720			1:1 200ml side by side gun
738			10:1 380ml coaxial gun
745			10:1 50ml side by side gun
749			10:1 490ml side by side gun
750			1:1 50ml side by side gun

PARSON ADHESIVES, INC.

Sales Office: 3345 Auburn Road, Suite 107, Rochester Hills, MI 48309, USA
 Phone (248) 299-5585 • Fax (248) 299-3846
 Manufacturing Plant: 2545 Eastside Park Road Evansville, IN 47715 USA
 Email: sales@parsonadhesives.com • Web Site: www.parsonadhesives.com



PARTITE® Methacrylate Adhesive 2 - Part Adhesive System

Parson produces full line of high performance two parts methacrylate structural adhesives for wide variety of applications. Methyl Methacrylate Adhesives are commonly used as structural adhesives due to their excellent strength, impact resistance, thermal shock, fatigue resistance and peel strength.

Following is the list of standard grades and packaging available but Parson also produces custom formulations and packaging based on customer requirement.

PARTITE Adhesives with 1:1 ratio products

Product	Part No.	Packing	Color	Viscosity, cps	Working Time (min)	Fixture Time (min)	Tensile Elongation (%)	Shear Strength (psi)	Application
7300	730025 730050 730020 730040 730018 730082	25 ml 50 ml 200 ml 400 ml 18 kg 180 kg	Cream Black	A: 40,000 - 60,000 B: 40,000 -	4 - 6	12 - 15	20 - 30	3,200 - 3,750	General purpose adhesive with excellent bond to plastics, composites and metal surfaces.
7302	730225 730250 730240	25 ml 50 ml 400 ml	Cream	A: 40,000 - 60,000 B: 40,000 - 60,000	2 - 3	6 - 9	15 - 27	3,000 - 3,500	Faster cure version of 7300.
7310	731050 731020 731040 731018 731080	50 ml 200 ml 400 ml 18 kg 180 kg	Cream	A: 40,000 - 60,000 B: 40,000 - 60,000	15 - 18	30 - 35	7 - 18	3,100 - 3,300	High performance with excellent adhesion to wide variety of metal and plastic surfaces.
7330	733050 733040 733018 733080	50 ml 400 ml 18 kg 180 kg	Cream	A: 40,000 - 60,000 B: 40,000 - 60,000	25 - 30	60 - 75	9 - 20	3,000 - 3,200	High performance with excellent adhesion to wide variety of metal, composites and plastic surfaces.
7333	733350 733320 733340 733318	50 ml 200 ml 400 ml 18 kg	Ultra White	A: 40,000 - 60,000 B: 40,000 - 60,000	6 - 9	22 - 28	7 - 18	3,100 - 3,300	UV stable, ultra-white adhesive to bond variety of plastics, composites and metals.
7350	735050 735040 735018 735080	50 ml 400 ml 18 kg 180 kg	Cream	A: 40,000 - 60,000 B: 40,000 - 60,000	40 - 45	90 - 120	40 - 45	3,250 - 3,500	All purpose adhesive with high toughness and long open time.
7390	739040 739018 739082	400 ml 18 kg 182 kg	Cream	A: 165,000 - 200,000 B: 165,000 - 200,000	90 - 95	190 - 225	55 - 65	2,800 - 3,100	High viscosity marine adhesive with long open time.

PARSON ADHESIVES, INC.

Sales Office: 3345 Auburn Road, Suite 107, Rochester Hills, MI 48309, USA
 Phone (248) 299-5585 • Fax (248) 299-3846
 Manufacturing Plant: 2545 Eastside Park Road Evansville, IN 47715 USA
 Email: sales@parsonadhesives.com • Web Site: www.parsonadhesives.com



PARTITE[®] Methacrylate Adhesive 2 - Part Adhesive System

PARTITE MMAs can withstand paint bake cycles, including powder coating and electron coating, at typically 220 to 230°C for up to 35 minutes with no loss of strength. The differences in viscosity, pot life and cure times enables manufacturers to choose the one that best suit their production processes. No other adhesive offer their combination of convenience, ease of use and superior mechanical strengths for bonding engineered plastics, composites and metals.

PARTITE Adhesives with 10:1 ratio products

Product	Part No.	Packing	Color	Viscosity, cps	Working Time (min)	Fixture Time (min)	Tensile Elongation (%)	Shear Strength (psi)	Application
7401	740138 740149 740118	380 ml 490 ml 18 kg	Off-White	A: 100,000 - 120,000 B: 60,000 - 80,000	25 - 35 sec.	1 - 1.5	55 - 75	3,200 - 3,750	General purpose adhesive with extremely fast cure speed. High adhesion to most metals and plastics.
7418	741838 741849 741818 741880	380 ml 490 ml 18 kg 180 kg	Black	A: 125,000 - 175,000 B: 50,000 - 70,000	2 - 3	6 - 9	80 - 100	3,100 - 3,300	Adhesive with fast cure speed and flexibility with an excellent toughness and strength.
7420	742050 742038 742049 742018 742080	50 ml 380 ml 490 ml 18 kg 180 kg	Blue Black	R: 100,000 - 1,25,000 A: 50,000 - 70,000	4 - 6	15 - 18	110 - 135	3,000 - 3,400	High performance adhesive with fast curing time. High toughness and strength with excellent resistance properties.
7422	742238 742249 742218 742280	380 ml 490 ml 18 kg 180 kg	Blue Black	R: 100,000 - 125,000 A: 50,000 - 70,000	17 - 22	35 - 40	80 - 100	3,150 - 3,350	High performance with medium working time. Excellent adhesion to wide variety of plastic composites and metal surfaces.
7425	742538 742549 742518 742580	380 ml 490 ml 18 kg 180 kg	Blue	R: 100,000 - 125,000 A: 50,000 - 70,000	30 - 35	80 - 90	115 - 130	2,900 - 3,200	All purpose adhesive with long working time. Excellent adhesion to wide variety of metal and plastic surfaces.
7428	742849 742818 742880	490 ml 18 kg 180 kg	Ultra White	R: 100,000 - 125,000 A: 50,000 - 70,000	18 - 22	45 - 60	60 - 70	2,700 - 3,000	White color adhesive with medium working time. Low shrinkage with excellent adhesion to wide variety of surfaces.
7440	744049 744018 744080	490 ml 18 kg 180 kg	White	R: 135,000 - 165,000 A: 45,000 - 60,000	40 - 45	70 - 80	55 - 65	2,600 - 2,900	UV stable formulation design for marine applications. High toughness with long working time.
7504	750438 750449 750418 750480	380 ml 490 ml 18 kg 180 kg	Black	R: 90,000 - 125,000 A: 50,000 - 70,000	4 - 6	15 - 18	35 - 45	3,200 - 3,600	Designed for primer - less metal bonding. High toughness and strength with excellent resistance properties.
7510	751038 751049 751018 751080	380 ml 490 ml 18 kg 180 kg	Black	R: 90,000 - 125,000 A: 50,000 - 70,000	12 - 18	35 - 40	35 - 45	3,200 - 3,600	Designed for primer - less metal bonding with medium working time. High toughness and strength.

PARSON ADHESIVES, INC.

Sales Office: 3345 Auburn Road, Suite 107, Rochester Hills, MI 48309, USA
 Phone (248) 299-5585 • Fax (248) 299-3846
 Manufacturing Plant: 2545 Eastside Park Road Evansville, IN 47715 USA
 Email: sales@parsonadhesives.com • Web Site: www.parsonadhesives.com



PARTITE® Clear Methacrylate Adhesive

PARSONS has developed a clear methacrylate adhesive to bond Plexiglass (Acrylics) and Polycarbonate, PET, ABS, etc. plastics. This adhesive is widely used for display, sign, electronics and other industrial bonding applications.

Product	Mix Ratio	Part No.	Packing	Color	Viscosity, cps	Working Time (min)	Fixture Time (min)	Shear Strength (psi)	Application
7411	10:1	741150 741149 741118	50 ml 490 ml 18 kg	Clear	A: 8,000 - 12,000 B: 5,000 - 7,000	12 - 16	18 - 22	1,200 - 1,750	Ideal for clear bonding requirement. Widely used for sign, display, electronics and many other industrial bonding applications.

PARTITE® Solid Surface Methacrylate Adhesive

PARSON produces structural methacrylate adhesives for solid surface industry. These adhesives are developed to bond solid surfaces, granite, marble, engineering stones, and quartz surfaces. Parson produces these adhesives in clear but other colors are available upon request.

Product	Mix Ratio	Part No.	Packing	Color	Viscosity, cps	Working Time (min)	Fixture Time (min)	Shear Strength (psi)	Application
7414	10:1	741450 741425 741418	50 ml 250 ml 18 kg	Clear	R: 30,000 - 40,000 A: 6,000 - 8,000	6 - 9	16 - 22	2,200 - 2,750	UV stable, self-levelling adhesive is ideal for bonding wide variety of solid surfaces for kitchen and bathroom countertops.

PARTITE® PP Bonder

PARSON has developed a unique structural adhesive to bond low surface energy plastics such as Polypropylene, TPO, LDPE, HDPE, Teflon, etc... This adhesive offers engineers to select variety of plastics based on design and performance requirements.

Product	Mix Ratio	Part No.	Packing	Color	Viscosity, cps	Working Time (min)	Fixture Time (min)	Shear Strength (psi)	Application
7400	10:1	740050 740049 740018	50 ml 490 ml 18 kg	Hazy Off-white	R: 5,500 - 7,500 A: 6,000 - 8,000	2 - 3	120 - 180	1,200 - 1,550	Ideal to bond low surface energy plastics without any surface preparation. Ideal for PP, TPO, and Polyethylene.

PARSON ADHESIVES, INC.

Sales Office: 3345 Auburn Road, Suite 107, Rochester Hills, MI 48309, USA
 Phone (248) 299-5585 • Fax (248) 299-3846
 Manufacturing Plant: 2545 Eastside Park Road Evansville, IN 47715 USA
 Email: sales@parsonadhesives.com • Web Site: www.parsonadhesives.com



PARSON is one of the leading manufacturers of high quality methacrylate adhesives for wide variety of industrial assembly applications. Partite range of methacrylate adhesives are available in 1:1 ratio and 10:1 mix ratio to provide the highest structural strength and resistance properties with consistent performance for every assembly applications. Partite methacrylate adhesives are available from 25 ml syringe to 55 gallon drum packing. We also offer extensive private label services with no minimum quantity requirements.

PARSON also manufactures following engineering and structural adhesives:

- SONLOK Anaerobic Adhesives**
- PARFIX Cyanoacrylate Adhesives**
- PARLITE UV Curable Adhesives**
- PARBOND Epoxy & Polyurethane Adhesives**
- PARSEAL Impregnation Sealant**

We supply these adhesives to a wide variety of industries such as Automotive, Aerospace, Railway, Marine, Electronics, Sporting Goods, Oil & Gas, Sign & Display, Medical Device, Printing & Graphics, Furniture, Construction, Transmission & Engine Products, and General Assembly. PARSON has more than 2,400 customers in 54 different countries around the world.

- ISO 9001:2000 Certified Company**
- DVGW Certified Company**
- BRE Certified Products**
- ROHS Compliance**
- SGS Certified**
- UL Approved**



PARSON ADHESIVES, INC.

Sales Office: 3345 Auburn Road, Suite 107, Rochester Hills, MI 48309, USA
 Phone (248) 299-5585 • Fax (248) 299-3846
 Manufacturing Plant: 2545 Eastside Park Road Evansville, IN 47715 USA
 Email: sales@parsonadhesives.com • Web Site: www.parsonadhesives.com

