Anabond®

The Perfect Bond

Automobiles Aerospace Processing Industries Electrical & Electronics Construction FMCG Marine

Engineering Adhesives and Sealants

CONTENTS

COMPANY PROFILE

Manufacturing Plant - Chennai

Anabond Limited is one of the leading manufacturers of Engineering Adhesives & Sealants, Paints, Specialty Coatings & other chemical formulations in India since 1979.

Anabond is an **ISO 9001-2000, ISO 14001 : 2004 & TS - 16949 : 2002** certified Company. Anabond is the first company to manufacture Anaerobic Adhesives, RTV Silicone sealants & Single component Epoxies in India.

Anabond's ultimate vision is to become a leader in technology & globally competitive company with the strong support of in-house Research & Development setup. Anabond R&D centre is approved by the Department of Scientific & Industrial Research (Govt. of India) New Delhi as an in-house R&D unit involved in development of Adhesives & Sealants.

Anabond is fully equipped with three manufacturing facilities in India & its orientation has been to produce quality products with minimum cost.

Few of Anabond credentials are Best Vendor award from **M/s Maruti Udyog Limited** a leading manufacturer of automobiles in India, Appreciation award from **M/s Indian Space Research organization** a Govt. of India Enterprise, Excellence Award from **M/s Whirlpool of India Ltd** & 100% vendor rating from auto majors **TATA Motors, M/s Ashok Leyland** etc.

Anabond has 8 branches and 350 dealer networks in India to cater the need of the Industrial & FMCG market, apart from several counter sales dealers. Anabond Overseas operation started in the year 1994 & now exports to **USA, Germany,** Malaysia, Mauritius, Singapore, Thailand, Srilanka, Kenya, U.A.E, Saudi & South Africa.

ANAEROBIC ADHESIVES

Anaerobic adhesives cures in the absence of air and in the presence of metal. They are used for a variety of Engineering applications such as **THREAD LOCKING, BEARING RETAINING PIPE SEALING & LIQUID GASKETING**

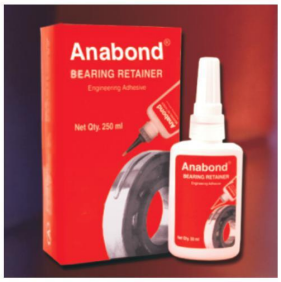
THREAD LOCKER

SALIENT FEATURES :

- Eliminates conventional locking systems such as star washers, spring washers & nylok nuts efficiently.
- Prevents loosening of nuts even under severe vibration & impact loads.
- Protects from seizure of fasteners.
- Disassembly is possible without damaging the threads.

APPLICATIONS : Used for locking bolts & nuts, studs, screws of various shape & sizes. It is also used to seal threads to prevent leak & corrosion.

BEARING RETAINER



SALIENT FEATURES :

- Eliminates interference fit & transition fit joints.
- Allows uniform load distribution.
- Dampens vibration, shock & impact loads.
- Eliminate fretting corrosion & seizure.
- Clearance fit joints possible upto 0.5mm.

APPLICATIONS : Retain cylindrical parts such as bearings, bushes, splines, shafts, gears, cup plugs etc.

PIPE SEALING

SALIENT FEATURES :

- Eliminates the usage of PTFE Tapes.
- Provides 100% leak proof in threaded joints.
- Withstands pressure up to 400kg /cm^2.
- Excellent resistant to fuels, oils & most chemicals.

APPLICATIONS : Seals high pressure hydraulic and pneumatic joints.

LIQUID GASKET

SALIENT FEATURES :

- Safer & Superior to conventional gaskets.
- Resistant to fuels, oils & most chemicals.
- Formed gasket does not creep, shrink or relax.
- Can be formed in various shapes & size instantly.

APPLICATIONS : Fills surface irregularities & provide leak proof joints. Suitable for machined surfaces up to 63 microns.

TECHNICAL SPECIFICATIONS - ANAEROBIC ADHESIVES

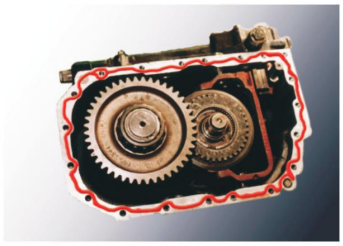
APPLICATION	PRODUCT NUMBER	PRODUCT COLOUR	TORQUE		CURING TIME		SHEAR STRENGTH	PRESSURE SEALED	VISCOSITY	GAP FILLED	SERVICE TEMPERATURE	PACKAGING
			BREAKAWAY	PREVAILING	HANDLING	FUNCTIONAL						
			Kgm	Kgm	Min	Hrs	kg/Cm²	kg/Cm²	cPs @30°C	mm	°C	
THREAD LOCKERS												
Stud grade over M20 size	111	Red	3.2 - 4.0	3.3 - 4.8	5 - 15	6	-	-	1000 - 1500	0.20	-50 to 150	10ml, 50ml, 250ml & 3.5 ltr
Stud grade under M20 size	112	Red	2.8 - 4.0	2.9 - 4.0	5 - 15	6	-	-	275 - 325	0.15	-50 to 150	50ml, 250ml & 3.5 ltr
High strength grade	115	Green	3.3 - 3.7	3.4 - 4.0	5 - 12	3	-	-	1150 - 1350	0.20	-60 to 200	50ml, 250ml & 3.5 ltr
Nut grade Medium strength	122	Blue	2.2 - 2.4	2.3 - 3.0	8 - 15	6	-	-	200 - 250	0.125	-50 to 150	04ml, 50ml 250ml & 3.5 ltr
Screw grade Low strength	132	Yellow	0.8 - 1.2	0.9 - 1.3	10 -15	6	-	-	200 - 250	0.125	-50 to 150	50ml, 250ml & 3.5 ltr
Wicking Low strength grade	124	Blue	1.8 - 2.2	2.2 - 2.8	10 -15	6	-	-	25 - 50	-	-50 to 150	50ml, 250ml & 3.5 ltr
BEARING RETAINERS												
High temperature	402	Red	-	-	8 - 12	3	225 -300	-	1800 - 2000	0.20	-60 to 200	50ml, 250ml & 3.5 ltr,10 ltr
High strength	412	Red	-	-	10 -15	6	200 - 250	-	275 - 325	0.175	-60 to 150	4ml,10ml,50ml, 250ml & 3.5 ltr
High performance	414	Green	-	-	4 - 10	6	225 - 325	-	300 - 500	0.15	-50 to 160	50ml, 250ml & 3.5 ltr
PIPE SEALANTS												
Medium strength	340	White	0.8 -1.2	0.9 - 1.3	10 -15	12	-	400	Paste	0.50	-50 to 200	100gm & 250gm
Hydraulic sealant	341	Green	0.4 - 1.0	0.4 - 1.1	20 - 30	12	-	400	1400 - 1600	0.20	-50 to 180	50ml, 250ml & 3.5 ltr
High strength & fast cure	346	White	1.1 - 1.7	0.9 - 1.4	10 - 15	6	-	400	40000 - 50000 (@ 25°C)	0.50	-50 to 180	100gm & 250gm
LIQUID GASKETS												
Machined flange Gasket	610	Red	0.8 - 1.2	0.9 -1.3	10 -15	12	-	120	Paste	0.50	-40 to 180	25gm, 100gm & 250gm
Fast cure Master Gasket	613	Orange	1.7 - 2.5	1.5 - 2.5	8 - 15	12	-	125	20000 - 35000 (@ 25°C)	0.20	-50 to 180	100gm & 250gm

* Note : Also anaerobic adhesives and sealants can be developed as per customer specifications.

RTV SILICONES

ONE PART SYSTEMS

Anabond singe part RTV (Room Temperature Vulcanizing) Silicone systems are ready to use, that cures as resilient silicone rubber at room temperature. These are versatile products, which finds immense use in all kinds of industries, offering exceptional properties. It can be used as a **ADHESIVE, SEALANT, & F.I.P GASKETING.**



SALIENT FEATURES :

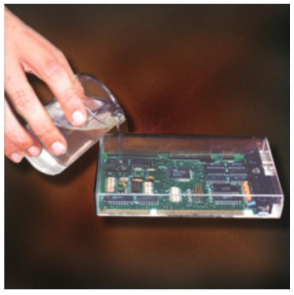
- Good thermal stability (-50°C to +250°C)
- Excellent mechanical properties.
- Good dielectric properties.
- Good weatherability & UV resistance.
- High Elasticity

APPLICATIONS :

- **Automotive Industries :** Used as a F.I.P (Form-in-place) Gasketing Sealant for engine assembly such as oil pan, Transmission covers, water pump mounting etc., and also for body building applications.
- **Aircraft Industries :** Used as gaskets, sealing, ducting, vibration dampers .
- **Construction Industries :** Used for glass glazing, window perimeter joints, wash basin / bathtub sealing, A/C duct sealing etc.

TWO PART SYSTEMS

Anabond two part RTV (Room TemperatureVulcanizing) Silicone are room temperature curing systems and are suitable for potting & encapsulation of electrical & electronic components to prevent ingress of moisture & dust. The cured adhesive exhibits high strength, negligible shrinkage, good insulation. It's temperature withstanding property is -50 °C to + 250 °C



SALIENT FEATURES:

- Room temperature Curing.
- Fast setting
- Good dielectric properties.
- Negligible Shrinkage.
- Good insulation.

APPLICATION:

Used as encapsulating of electrical & electronic components to prevent ingress of moisture, dust & water.

TECHNICAL SPECIFICATION - RTV SILICONES

Grade	666	673	676	680	681	683	685	679	Two Part 901	Two Part 909
Cure System	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral
Colour	C/W/B	O	AL	C	C	G	C/R	C/W/B/MW	A-Red B-Clear	A-White B-Clear /Pale yellow
Viscosity (P) JIS K6820	Non-sag	Non-sag	Non-sag	Non-sag	90-130	900-980	Non-sag	Non-Sag	60-100	20-50
Specific gravity-JIS K 6820	1.02-1.08	1.45-1.55	1.35-1.45	1.02-1.08	1.02-1.08	1.45-1.55	1.0-1.10	0.98 - 1.05	1.6-1.8	0.99 - 1.09
Skin Forming Time-25°C, 50% RH (Mins.)	5-10	5-10	5-15	04-08	30-60	≤ 20	03-08	5 - 10	60-90	60-120
Hardening Speed - mm / day	3	3	3	3	3	3	3	3	10mm/hr	10mm/day
Tensile Strength (Kg/cm^2)										
ASTM D412*	15-25	38-42	30-40	15-22	2-6 (After 3 Days)	8-12 (After 5 Days)	16-26 (After 5 Days)	8 - 12 (After 5 Days)	10-20 (After 3 Days)	4-10 (After 3 Days)
Elongation (%) - ASTM D412*	≥ 350	≥ 170	≥ 160	300-450	≥ 150	300-350	≥ 300	≥ 400	> 60	≥ 70
Hardness Shore A-ASTM D2240*	22-30	55-65	55-65	20-30	5-15	35-55	20-30	15 - 25	48-62	32-42
Pressure Resistance (Kg/cm^2)	-	>110	>110	-	-	90-100	-	100	-	-
Dielectric Strength (Kv/mm) ASTM D 149	> 22	-	-	-	> 20	-	> 20	-	≥ 16	≥ 21
Potlife (100gms mix) (min)	-	-	-	-	-	-	-	-	> 30	>30
Mixing Ratio (A : B)	-	-	-	-	-	-	-	-	100:5	10:1
Service temperature (°C)	-50 to 250	-50 to 300	-50 to 300	-50 to 250	-50 to 250	-50 to 250	-50 to 250	-50 to 250	-60 to 250	-60 to 250
Application	SEALING CAULKING	GASKETING	GASKETING	SEALING	SEALING POTTING	GASKETING	SEALING	GLAZING SEALING	POTTING -	POTTING -
Packing	100gm Tube 300ml & 310gm Cartridge	350gm, 425gm Cartridge & 20kgs Drum	350gm, Cartridge & 20kgs Drum	100gm Tube & 310gm Cartridge	100gm Tube & 310gm Cartridge	140gm Tube & 375 gm Cartridge & 20kgs Drum	100gm Tube & 310gm Cartridge	310gm Cartridge	A : 4kg B : 100ml A : 1kg B : 50gms	A : 1kg B : 100gms

B-Black, C-Clear, G-Grey, O-Orange, R-Red, MW-Milky White, W-White, AL-Aluminum / *Tested after 7 days cure at room temperature (25°C)

Note : ALSO RTV-SILICONES CAN BE DEVELOPED AS PER CUSTOMER SPECIFICATIONS.

EPOXIES - SINGLE COMPONENT

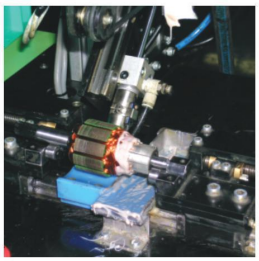
Single component epoxy systems are heat-curing adhesives, which exhibits exceptional bond strength on curing. Single component epoxies are preferred where you need a high strength permanent bonds.

SALIENT FEATURES :

- Heat cure systems.
- No mixing or degassing.
- Excellent bonding strength.
- Good Mechanical strength.
- Highly resistance to acids and many solvents.

APPLICATIONS :

- Impregnating of armature coil.
- Bonding of magnets to yoke.
- Bonding of syringe needles.
- Potting of printed circuit boards.
- Chip masking in printed circuit boards.



TECHNICAL SPECIFICATIONS - EPOXY SINGLE PART

Grade	220	221	222	224	226	227	229
Colour	Grey	Cream	White	Red	Cream	Off-White	Black
Viscosity (cPs)	85000 to 1000000 @30°C	140000 to 160000 @25°C	100000 to 250000 @25°C	200000 to 400000 @30°C	25000 to 35000 @25°C	86000 to 106000 @25°C	71000 to 81000 @25°C
Non Volatile Content (%) (@105±2°C, 3hrs.)	≥99	≥99	≥99	≥98	≥98	≥98	-
Curing Cycle	45 min. (@180±3°C)	30 min. (@150±2°C)	30 min. (@170±2°C)	60 min. (@120±2°C)	30 min. (@100±2°C)	30 min. (@100±2°C)	30 min. (@100±2°C)
Hardness (Shore D) ASTM D 2240	≥80	≥80	≥80	80 - 85	≥80	≥80	≥80
Impact Resistance (Kg.cm/cm²)	60 - 65	-	60 - 65	-	-	-	-
Shelf Life at 5°C (months)	6	6	3	6	6	6	6
Lap Shear Strength (Kg/cm²) ASTM D 1002 At Room Temperature	≥180	≥200	≥200	≥75	≥100	≥100	≥100
At 100°C ± 2°C (Kg/cm²)	≥100	≥180	≥180	-	-	-	-
At 140°C ± 2°C (Kg/cm²)	≥30	≥140	≥140	-	-	-	-
After exposure to -25°C, 168 hrs. (Kg/cm²)	≥140	≥170	≥170	-	-	-	-
After immersion in brine (5%) 40°C, ±1°C, 168 hrs. (Kg/cm²)	≥150	≥170	≥170	-	-	-	-
After immersion in engine oil, 140°C, ±2°C, 168 hrs. (Kg/cm²)	≥140	≥160	≥160	-	-	-	-
After immersion in gasoline, RT / 168 hrs. (Kg/cm²)	≥160	≥170	≥170	-	-	-	-

EPOXIES - TWO COMPONENT

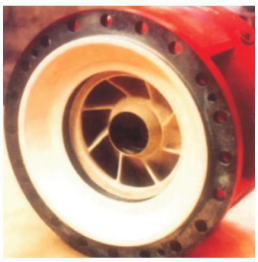
Two part epoxies are room temperature curing adhesive, in which the resin & hardener is mixed in proper proportions to form a tough & rigid bond. They are used for a variety of engineering application such as filling cavities, repair worn out parts, arrest leakages etc.

SALIENT FEATURES :

- Room temperature curing.
- Excellent bond strength to metals and non metals.
- Good dielectric properties.
- Machining is possible.
- Excellent corrosion resistance.

APPLICATIONS :

- Fuel filter bonding.
- Encapsulant in PCB boards.
- Under water patching system.
- Cable gland sealing compound.
- Putties - used to fill cavities in worn out parts.
- Used as a corrosion resistance coating compound.
- Emergency repair putty.



TECHNICAL SPECIFICATIONS - EPOXY TWO PART

Product Name		Appearance	Colour	Specific Gravity @ Room Temp	MIx Ratio (A : B) by weight	Pot Life @ RT (Minutes)	Lap Shear Strength (Ms-Ms) Kg/cm^2	Compression Strength after (24 hrs) Kg/cm^2	Hardness after (24 hrs) Shore D	Shelf Life in months
Anasteel	R	High Viscous Paste	Deep Buff	2.60 - 2.80	9 : 1	40 - 60	≥ 75	≥ 500	≥ 85	12 months
	H	High Viscous Paste	White			(100gm Mix)				
4 - Min Steel	R	Viscous Paste	Black	1.7 ± 0.1	1 : 1	≤4	100 Min	-	80 min	6 months
Epoxy	H	Viscous Paste	Off White	1.7 ± 0.1		(2gm Mix)				
Aquabond 520	R	Gel Type	Off White	·	2 : 1	> 90	≥ 100	≥ 400	-	12 months
	H	Gel Type	Off White			(100gm Mix)				
Anaseal	R	High Viscous Paste	Olive Green	·	1 : 1	10 min	≥ 70	450 min	80 min	12 months
	H	High Viscous Paste	Black			(100gm Mix)				
Aquabond	R	Gel Type	Off White	·	2 : 1	30 min	≥ 100	≥ 400	·	12 months
Putty	H	Gel Type	Off White			(100gm Mix)				
Anoxy	R	Viscous Liquid	Translucent Whitish							
lol	H	Viscous Liquid	Brown		100 : 80	·	100 min	·	·	24months

RUBBER BASED - CURING

Curing Rubber based adhesive & sealants are single component, room temperature curing systems, which cures by solvent evaporation in to tough & resilient bond and is used for bonding wide range of substrates.

SALIENT FEATURES :

- Bonds to wide range of substrates.
- Attain green strength in a short span of time.
- Good weather resistance.
- Good electrical resistance.

APPLICATIONS :

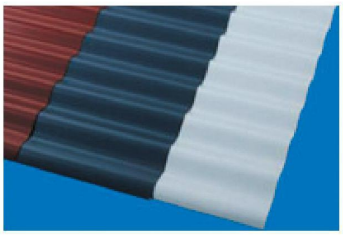
- As gasketing compound for transmission and engine flange joints.
- Bonding voice coil to cone paper, frame to damper, assembly to cabinet in audio speakers.
- Sealing of pipe joints in washing machines.
- General application : Excellent adhesion to wide range substrate including metal, glass, wood, rubber, canvas, rexine and plastics such as PP, PVC, LDPE etc.

TECHNICAL SPECIFICATION - CURING RUBBER

Grade	Colour / Appearance	Viscosity (cPs)	Specific Gravity	Non - Volatile Content (105±2°C/3hrs) %	Strength (kg/cm²)	Packing
A - 871	Black / Smooth Paste	@ 25° C 95000-165000	@ 25°C 1.03 - 1.13	51 - 59	Peel Strength kg / 25mm (after 24hrs @ RT) a) Painted Sheet - EPDM = 0.5 (min) b) Glass - EPDM =0.5 (min)	150 gms
A - 817	Black - Smooth Paste	@28 - 30°C 100000 - 185000	@ RT 1.06 - 1.16	50 - 60	LSS (after 24hrs) PP-PP=1.0 (min)	310gms
A - 820	Black / Thick Flowing Liquid	@ 25°C 9500 - 17500	@ RT 0.90 - 1.00	31 - 39	LSS (after 48 hrs) PP-PP=2.0 (min)	150gms
A - 878	Yellow - Brown / Free Flow Liquid	@ 25°C 2000 - 6000	@ 25 ±1°C 0.94 - 1.04	30 - 36	LSS (after 24 hrs) @ RT MS-Neoprene = ≥ 3.5	100gms & 1 kg
A - 879	Greyish Green	@ 25°C 115000 - 130000	1.0 - 1.20	42 - 50	LSS @ RT After PVC - PVC = ≥ 2.0 7 days PP - LDPE = ≥ 2.5 4 days PP - PP = ≥ 3.5 7 days	150gms
A - 696	Grey / Thick Flowing Liquid	@ 25° C 9000 - 18000	1.00 - 1.10 (27°C - 33°C)	36 - 44	Pressure resistance at RT ≥ 100 at 80°C ≥ 95 at 150°C > 90 Chemical resistance (%) Water - ± 4.0 40 oil - ± 4.0 90 oil - ± 4.0	15gms, 30gms 100 gms, 20 kg & 200 kg

RUBBER BASED - NON CURING

Non-Curing rubber based Butyl mastic putty & tapes are highly tacky compounds possessing excellent peel strength & good adhesion to metal & non-metal with good weathering properties.



SALIENT FEATURES :

- High elongation.
- Posses excellent peel strength.
- Highly tacky compound.
- Effectively seals and dampens vibration.
- Excellent addition on most of the substrates

APPLICATIONS :

- Sealing on airconditioner compressor and condensor to prevent entry of water and moisture.
- Insulating compounds in bus bar joints, electrical connections.
- Door trim sealing for preventing ingress of moisture and vibration.
- Sound dampening pads for noise reduction in Automobiles, Air conditioners and gensets.
- Sealing joints encountered in pre-engineered metal building fabrication such as vents, gutters, roof jacks, window tins, door fins etc

TECHNICAL SPECIFICATION - NON - CURING RUBBER

	Grade	Colour / Appearance	Dimension	Specific Gravity @ (27°C-33°C)	Voltatile Content %	Penetration	Packing
BUTYL MASTIC PUTTY	Anaplast R	Yellow,Blue,Red & Black/Roll form	35mm x 2mm x 1mtr	NA	NA	70 - 110 (27°C - 30°C) 100gm weight	Rolls as per customer dimension
	A - 832	Light Grey / Putty	NA	1.7 - 1.9	80°C for 72hrs ≤ 0.30 %	110 - 150 (30°C) 50gm weight	1kg & Lumpsum as per customer dimension
BUTYL TAPES	Stik-on (Reusable Adhesive)	Greyish White	45mm (W) x 3mm (T) x 25mm (L)	1.3 - 1.5	≥ 99 (105±2°C/ 3 hrs)	45 - 65 30 ± 2°C 50gm weight	10gm,50gm&Strips as per customer requirement
	A - Door Foil Adhesive	Black / Smooth Bead	6mm (W) x 2.5mm (T) x 5mtrs (L)	1.10 - 1.20	Non Valatile Content	@ (26 - 29°C) 45 - 60	Rolls as per customer dimension
	A - 846 HT	Yellow / Smooth Bead	12.5mm (W) x 3.2 mm (T) x 7.5mtrs (L)	1.00 - 1.40	≥ 99 (105±2°C/ 3 hrs)	@30°C 50gm weigh 50 - 70	Rolls as per customer dimension
	A - 891 (Cork Filled)	Black / Tape form	50mm (W) x 3 mm (T) x 30ft (L)	1.30 - 1.40	NA	NA	Rolls as per customer dimension
	A - 899	Black, Grey & Off-White / Tape Form	5mm (T) x 6 mm (W) x 9.5mtrs (L) 2.2mm x 10.2mm x 10mtrs 2.4mm x 9.5mm x 15.3mtrs	Black & Off White Spec 1.40 - 1.50 Grey Spec 1.3 - 1.5	NA	50 - 70 85 -110 @27 - 33	Rolls as per customer dimension

POLYURETHANE

Polyurethanes (one part & two part systems) are highly versatile compounds, which finds enormous use in engineering CASE (Coating, Adhesive, Sealant, Elastomer) applications. The versatility of polyurethane means that it can be formulated in to a soft elastomer to a hard solid. Anabond's polyurethane are offered in a wide range of viscosity, curing time, pot life, flexibility, hardness and strength.

ONE PART SYSTEMS

Anabond 702 / 722 is a single compound silylated polyurethane sealant suitable for automobile & construction applications. It has better paintability than Silicone sealants.

Anabond 745 is a single part room temperature curing lamination adhesive to bond aluminum to flexible polyurethane foam.

TWO PART SYSTEMS

Anabond 720 is a two component room temp curing polyurethane glossy floor coating for railway coaches. It has hardness of Shore A 85-90.

Anabond 7900 is a two component polyurethane fire retardant transformer potting compound. It has hardness of shore D 75-85.

Anabond 797 is a two component polyurethane sealant for low voltage cable jointing component It has very good hot water resistance & very low water absorption of maximum 12 mgm/cm2.

Anabond 706 / 707 / 708 are two component room temperature curing transparent polyurethane systems suitable for electronic Printed Circuit Board encapsulation.

Anabond 794 / 7930 are two component room temperature curing polyurethane adhesive suitable for automotive & Industrial filter bonding application .

Anabond Elasto HM 70/90 is a prepolymer for high modulus elastomer application such as Automobile bushes, Wheels, rollers etc.

Anabond Elasto LM 80 is a prepolymer for low modulus elastomer application such as , rollers, washers & replacement for moulded rubber components .

CYANOACRYLATE

Cyanoacrylate adhesive cure rapidly at room temperature to form rigid thermosets.

SALIENT FEATURES :

- Instant Bonding.
- Bonds similar & dissimilar substrates.
- Resistance to most chemicals, oils and solvents.
- Service temperature (-40°C to +80°C).

APPLICATIONS :

- Bonds material like leather, metal, ceramic, rubber, china clay, wood & plastics like ABS, Polycarbonate, acrylic, polystyrene, nylon, PVC etc.
- Bonding of neoprene rubber cords to form instant 'O' rings of various shapes & sizes.

Grade	Colour	Viscosity (cPs) @20°C	Setting Time(Seconds) MS - MS	Lap Shear Strength Kg/sq.cm	Shelf Life @25°C	Packing
Anabond - 200	Colorless	35-40	3-6	150-200	12 months	20 gms
Anabond - 202	Colorless	2-10	3-6	140-180	12 months	20 gms
Anabond - 204	Colorless	250-350	4-8	120-170	6 months	20 gms
Cyno - 555M	Colorless	2-10	3-6	130-170	6 months	20 gms
Anabond - 208	Colorless	1200-1500	4-8	140-190	6 months	20 gms

ACRYLIC SEALANT

Anabond 777 acrylic sealant is a single component when cured produces a flexible seal with non-yellowing properties, while curing forms a tough and resilient bond in civil engineering applications.

SALIENT FEATURES :

- One component, easy to apply.
- Good adhesion on building materials.
- Durable and ageing resistance.
- High flexibility.
- Paintable.

APPLICATIONS :

- Joint sealing between windows and door frames.
- Expansion joints between concrete building component of smaller size.
- Water proof sealing of air conditioning room, clean room, cold storage, laboratory etc.

LUBRICANTS

Lubricants is a solid, paste or liquid material which is used to reduce the friction between two mating surfaces.

SILICONE GREASE

Anabond-662 is a single component modified silicone system that readily wets & adheres to dry surfaces of metals, ceramics, rubbers, plastics & all insulating materials, giving them very high surface resistivity even under moisture condensing conditions. Anabond 662 does not harden or dry out or melt even after 1000 hours @ 200°C. It shows good dielectric & lubricating properties.

ANTI-SEIZE COMPOUND

Anabond C-975 Copper Graphite based anti-seize compound prevents seizure in studs, bolts & nuts due to extreme temperature up to 900 ° C .It eliminates galling and cold welding of threaded assemblies.

Prevents seizure of bolts & nuts due to high temperature in turbines, air compressors, boilers, hot forging moulds, exhaust flange bolts in automotive engines, seizing of press fit joints and also prevents corrosion and seizing caused by chemicals and weathering.

Analube 101 is a anti-seize lubricant which is available in spray form and can be used to prevent seizing & corrosion in press fitted assemblies and fastener.

HEAT SINK COMPOUND

Anabond - 652 is a thermally conductive but electrically insulating system. It will not harden or dry out or melt even after 1000 hours @ 200°C with good dielectric properties.

SALIENT FEATURES :

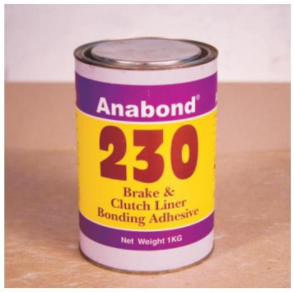
- High thermal conductivity (0.437 w/mk)
- Non curing compound
- Dissipates heat from the device
- Increase the over all efficiency of the device.
- High dielectric strength (7.2 kv/mm)

APPLICATIONS :

Mounting studs of transistors, diodes & silicon rectifiers to provide effective heat seal.

BRAKE SHOE BONDING

Anabond 230 is a synthetic resin based adhesive, designed specially for bonding friction lining material in Brake Shoes and Clutch. Anabond 230 has exceptionally high strength to withstand very high shear loads prevalent between liner and brake shoes / clutch plates. The strength is retained at very high temperatures, so that the lining is bonded firmly even under severe working conditions.



ADVANTAGES:

- Eliminates the need for mechanical fasteners to fix friction-lining material.
- Eases design problems and cuts manufacturing costs.
- The friction lining could be used for the fullest thickness.
- Bonding of friction linings instead of fastening eliminates scouring of the drum created by rivet heads, used for fastening the liner.
- The load is uniformly distributed throughout the bonded area instead of stress concentration at riveted joints.

INDUSTRIAL CLEANERS

Industrial cleaners are specially designed to make industrial maintenance easy and cost effective.

AB-60 is a multipurpose spray used to lubricate moving part, loosening of rusted bolts & nuts and also for cleaning oil, wax, greases etc.

AB-20 is a fast drying superior contact cleaner used for cleaning electronic contacts, relays, circuit boards and switch terminals

AB-40 is a heavy duty industrial cleaner used for removal of oil, dirt, wax, & greases from heavy equipments & machineries.

Releez is a specially formulated maintenance solution for cleaning and removal of rusted and jammed parts.

Bio-green is a bio-compatible cleaner & degreaser which is used to remove oils, grease, fuels, lubricants & rust particles from machine parts.

Anabond Research & Development Centre

Branches

BARODA
Anabond Ltd.
C-403, A-TOWER, YASH Complex,
Gotri, Baroda, Gujarat-390021, India.
E-mail: baroda@anabond.com

BENGALURU
Anabond Ltd.
D/No. G1, HSD Arcade, No. 8/5, 15th Cross
Lakkasandra, BENGALURU - 560 030
Tel : +91 80 42197319 E-mail : bangalore@gmail.com

COCHIN
Anabond Ltd.
Plat No: 2B, Roots Enclave, S.R.M. Road,
Near North Bridge Road, Ernakulam,
KERALA - 682 018 Tel : +91 484 4039465
E-mail : kerala@anabond.com

COIMBATORE
Anabond Ltd.
1941, Sowripalayam Pirivu, Ramanathapuram,
COIMBATORE - 641 045 Tel : +91 422 2312641, 323353
E-mail : coimbatore@anabond.com

HYDERABAD
Anabond Ltd.
No: 12-13-465, Street No:1, Kimithy Colony,
Tarnaka, SECUNDERABAD - 500 017
Tel : +91 40 27000270 E-mail : andhra@anabond.com

KOLKATA
Anabond Ltd.
No. P-475, II Floor, Keyatala Road (South)
KOLKATA, WEST BENGAL - 700 029
Tel : +91 33 24650860 Email : kolkata@anabond.com

MUMBAI
Anabond Ltd.
No. 2, Ganadesh Bungalow, D.N.C Cross Road,
Sunil Nagar, Dombiveli East, MUMBAI - 421202 Thane Dist
Tel : +91 251 2885252 E-mail : mumbai@anabond.com

NEW DELHI
Anabond Ltd.
102, Sai Bhawan, Commercial Complex, Ranjit Nagar,
NEW DELHI - 110 008 Tel : +9111 25700458, 25707554
E-mail : delhi@anabond.com

PUNE
Anabond Ltd.
A-2/101, Antariksha Co-op Hsg. Soc,
Near Telco Colony, Pimpri, Pune,
MAHARASTRA - 411 018.
Tel : +91 20 65105174 E-mail : pune@anabond.com

UTTRAKHAND
Anabond Ltd.
House No. A-15, New Jain Colony,
Rudrapur, UTTRAKHAND - 263 153
E-mail : uttrakhand@anabond.com

VISAKHAPATNAM
Anabond Ltd.
Ground Floor - B, Sai Sadan Appartments,
D. No.: 47-9-39/2, Dwaraka Nagar, 3rd Line,
VISAKHAPATNAM - 530 016
E-mail : vizag@anabond.com

Contact Address

Anabond Limited

No. 36, Type II, Dr. V.S.I. Estate, Thiruvanmiyur,
Chennai - 600 041. Tamil Nadu, INDIA.
Phone : +91 44 23460041/42/43 Fax : +91 44 23460048
E-mail: marketing@anabond.com Website : www.anabond.com

Dealer Address