



Vehicle Repair & Maintenance Solutions

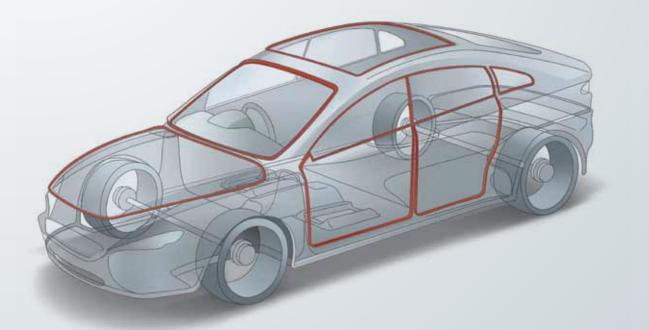








LOCTITE[®] is the world's **#1** brand of engineering adhesives & sealants



| End-User Training | Value-A Partne | Glob | al Leadership | Superior Product Performance | Cost Savings and Reliability |
|---|-----------------------------------|--|--|--|--|
| We provide professional trainin programs to customers that hel them identify opportunities for improving process efficiency, quality and costs. | p engineers provide | e documented leader w ation support. sold three | is the global technology vith wide product range ough an extensive sales distributor network. | LOCTITE® adhesives and sealants are recognized as the best performing products in the industry. | LOCTITE* solutions are more cost effective compared to conventional mechanical methods. |
| | Hen | kel : Worksh | op Solutio | ns Provider | |
| Technical Consultancy | Coating | Cleaning | Bondin | g Sealing | Expert Training |
| | → We are foo | cused in deliverin | g quality, relia | bility and cost saving | gs. |
| | ✓ Increase | repair quality workshop profit customer satisfacti | >> Mo | ferentiated services re income and efficiency ter loyalty (CSI) | , |
| | Henkel O | ES & Autom | otive After | market Partner | S |
| TATA NEW HOLLAND MOTORS CHERY | MARUTI JCB PORSCHE GEELY | MAHINDRA MERCEDES-BENZ TOYOTA HAIMA | FORD BMW LAND ROVI SUBARU | HYUNDAI GM ER VOLKSWAGEN and many more | ASHOK LEYLAND MITSUBISHI JAGUAR |
| | | | | | |



Body Shop Repair and Refinish Solutions



Henkel brings solutions ranging from bonding and sealing to bodyfillers, under body coating; plastic repair to sound deadening and direct glazing.

Trusted by service technicians across the globe for bringing safety, reliability and high performance to all vehicle repair applications; these solutions offer the same quality as automotive OEMs get who use these products during vehicle manufacturing.





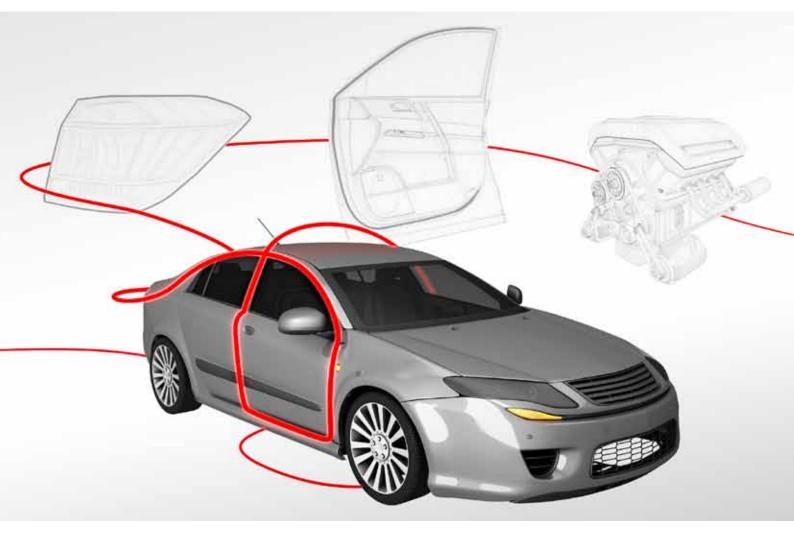
For more information call : 1800 2333 562 or send your enquiry on www.henkel.in/enquiry

Henkel Adhesive Technologies India Pvt. Ltd.





Mechanical Service and Repair Solutions



Henkel's Loctite[®] and Teroson[®] brands offer a comprehensive product range to ensure reliability of mechanical assemblies.

Solutions ranging from threadlocking, gasketing, instant bonding, structural bonding, cleaning and lubrication, help service technicians ensure fast, reliable and safe servicing.



| THREADLOCKING & SEALIN | G Invented by Loctite[®] to lock and seal threaded fasteners Specified by Automotive OEM's Works by filling the spaces between threads Provide a secure, one piece assembly that will not loosen under stress Provide an instant, low pressure seal for metal pipes and fittings Will not creep, shrink or block systems by shredding |
|------------------------|--|
| GASKETING COMPOUNDS | Fills imperfections, providing 100% sealing No relaxation, creeping or cracking Makes gasket in any shape or size Low inventory, labour and machining costs |
| RETAINING COMPOUNDS | Bonds non-threaded, cylindrical metal assemblies Less close tolerance required 100% contact leads to even load distribution No corrosion between metal parts |
| LUBRICANTS & CLEANERS | Superior performance More active ingredients Effective and targeted application designed for various car parts |

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Polishing Compounds



- Removes scratches and sanding marks
- Excellent glossy final finish
- Offers complete range
- Gives protection to painted surface
- Easy to apply, convenient packaging





Application Steps



For more information call : 1800 2333 562 or send your enquiry on www.henkel.in/enquiry

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Teroson[®] UP 450

Universal Body Filler



Teroson[®] UP 450 is an adhesive product used to "fill" dents, scratches, holes and surface imperfections in body work prior to painting. Once applied and painted, body work will show no evidence of earlier damage.

Benefits

- Maximum coverage with optimal quantity
- Semiflexible with ability to withstand body movement, vibration and minor knocks
- Excellent adhesion to metal/glass reinforced plastics
- Easy to apply, shape and sand
- Excellent build quality
- Smooth finish

Application Areas

 For all repair jobs like dents, scratches and small holes





How to Use



Need it Now?

Surface Preparation & Mixing 1. Remove existing film exposing an area 5 mm wider than the area to be repaired. 2. Thoroughly clean and degrease sanded area. Wash with detergent and water. Dry with clean cloth to remove surface contamination. 3. Use gentle folding action to mix hardner without adding air, till fully blended into paste.



Application

 Use clean spreader to apply thin layer of mixed filler to the metal surface.
 Press filler paste into grooves caued by sanding.

3. Ensure no air is trapped and avoid leaving excess ridges of filler around the sanded area.

| | Teroson® | UP 2 | 150 | |
|--|-----------|------|---------|--|
| PERSON UP 450 UP | IDH No. | : | 1907219 | |
| | Pack Size | : | 1 kg | |

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Teroson[®] PU 9092 PL

Primerless Direct Glazing Kit



Teroson[®] PU 9092 PL is one part high strength and high viscosity modified polyurethane sealant. that can be applied easily and cures fast to provide reliable performance.

| Benefits | | | | | | |
|--------------------------|------------------------|----------------------|--|--|--|--|
| No Primer | High Thixotropy | Versatile Bonding | | | | |
| Lower Turnaround Time | Ease of Application | Excellent Strength | | | | |
| Cost Savings | Better Bonding | Variety of Materials | | | | |







How to Use



Need it Now?

Surface Preparation The substrates must be dry, clean, free of oil and other contaminants that could adversely affect the bonding performance. A thin layer approx 1mm of freshly trimmed older adhesive is recommended to be kept intact.



Application

Apply TEROSON® PU 9092 PL along the wind shield edge. Then place the windshield on it and press before it starts curing. Tools used should be cleaned with MEK or Acetone before curing. After curing, mechanical cleaning is necessary.

| TEROSOM | Teroson ® | PU g | 092 PL | |
|---|------------------|------|------------------|--|
| The second | IDH No. | : | 1905876 | |
| | Pack Size | : | 310 ml Cartridge | |

For more information call : 1800 2333 562 or send your enquiry on www.henkel.in/enquiry

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TEROSON

Teroson[®] PU 8590 Kit

Direct Glazing Adhesive Kit



Teroson[®] PU 8590 is a high viscous direct glazing adhesive used for windscreen bonding. Recommended and used by most Indian as well as multi-national auto manufacturers. The nine component pre-measured kit, ensures error free surface preparation and application.

Benefits

- > Short setting time leads to faster turn around
- Excellent UV resistance (retains elasticity even after aging)
- ▶ Higher reliability due to 100% bonding of substrates
- Excellent strength of bonding on multiple substrates
- Solvent free composition

Application Areas

 Bonding of front, rear and side windscreens to vehicle body





How to Use



Need it Now?

Surface Preparation 1. Clean substrates to be bonded and ensure they are dry, free from oil, dust etc. Use Henkel cleaner (Teroson® 8550) provided in kit. 2. Apply Henkel primer from kit (Teroson® PU 8511) to both glass & frame, using brush provided and allow to dry for 5 minutes.



Application

 Cut nozzle provided to required length (depending on thickness of bead required).
 Apply Teroson® PU 8590 in a triangular bead using cartridge hand gun, along the windshield edge.
 Position windscreen and press into place using rubber

press into place using rubber spacers.

Teroson® PU 8590 KitIDH No.1574212Pack Size310 ml

For more information call : 1800 2333 562 or send your enquiry on www.henkel.in/enquiry

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Seam Sealants



- OEM texture refinish for all vehicles
- Excellent bonding and sealing of joints, interior and exterior seams
- Wide range of solutions available based on over-painting requirements and application areas
- High UV resistance and good weathering performance
- Provides protection to components from shock, constant vibration, flexing, thermal expansion or contraction.







Teroson[®] MS 930

| Colour | Pack Size | IDH |
|--------|-----------|---------|
| Grey | 310 ml | 1656500 |
| White | 310 ml | 1656499 |

APPLICATIONS

Recommended for seam and joint sealing in vehicle body, flexible and elastic sealing for interior and exterior application

BENEFITS

- Soft elastic sealing
 100% gap seal
 UV and weathering resistant
- 4. Can be painted over
- 5. Non corrosive and free of solvent

Teroson[®] PU 9108

Pack Size 280 ml

IDH No. 1546523

APPLICATIONS

Recommended for seam sealing and sealing of narrow joints in vehicle body (interior or exterior application)

BENEFITS

- Good adhesion to painted surfaces, many metals and plastics without primer
- 2. Can be painted over
- 3. Excellent elasticity in sealing
- 4. Sag resistant
- 5. Value range

How to Use



Surface Preparation 1. The substrates must be dry, clean, free of oil and other contaminants. 2. Cleaners, primers or activators suitable for the selected product should be used for best performance of product.



Application

 Apply the selected product from its cartridge using a pneumatic or hand gun with an air pressure of 2 to 5 bar.
 Paint compatibility has to be tested before use.

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Teroson[®] RB 2010

Underbody Coating



Teroson[®] RB 2010 underbody coating is extremely dependable and resilient. It offers excellent resistance to both abrasion, corrosion and provides several acoustic benefits.

Benefits

- Bitumen free
- ▶ Permanently elastic corrosion protection
- Protection against stone chips
- High abrasion resistance
- Suitable for sound deadening

Application Areas

- Repair work of underbody
- Protection of wheel house, front/rear aprons, door sills against road stones
- Sound dampening of wheel houses and side walls





How to Use



Need it Now?

Surface Preparation 1. Clean surface to be coated. Ensure surface is dry, free from grease, dirt, dust and rust. 2. In case of new vehicles, protective wax must be steam cleaned. 3. In case of older vehicles, rust should be removed with wire brush.



Application

 Shake Teroson® RB 2010 can well, before use and apply with Teroson® UBC pistol at pressure of 4 to 5 bars.
 Spray in criss-cross fashion.
 Allow drying time of at least 2-4 hours before vehicle use. Final drying may need 24-48 hours.
 Clean pistol and purge after use. Ensure pistol is unclogged before spraying.

| TRACEO | Teroson [®] RB 2010 | | | |
|------------|------------------------------|---|---------|--|
| The Second | IDH No. | : | 1905664 | |
| | Pack Size | : | 1 kg | |

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Threadlockers and Thread Sealants



Threadlockers

- Invented by Loctite[®] to lock and seal threaded fasteners
- ▶ Specified by Automotive OEM's
- Works by filling the spaces between threads
- Provide a secure, one piece assembly that will not loosen under stress

Thread Sealants

- Provide an instant, low pressure seal for metal pipes and fittings
- Will not creep, shrink or block systems by shredding



| | Loctite [®] Pack Size 50 ml 250 ml | 222 IDH No. 848063 848062 | APPLICATIONS 1. Screws 2. Countersunk head screws and set screws 3. Collars pulleys 4. Tool holders and controllers | BENEFITS 1. For low strength applications 2. Locks and seals small screws and fasteners under 1/4" 3. Allows disassembly with normal tools |
|---------------|--|---|---|--|
| Threadlockers | Loctite® Pack Size 50 ml 250 ml | 2 43 IDH No. 1367282 531707 | APPLICATIONS 1. Flywheel bolts 2. Crown wheel bolts 3. Crankshaft nuts 4. Threaded fasteners 5. Oil drain plugs | BENEFITS 1. Locks and seals bolts, nuts and studs upto 3/4" and prevent loosening from vibration 2. Allows disassembly with normal tools 3. Effective on all types of metal threaded fasteners 4. Tolerates thread lubrication, anti-corrosion and protection fluids |
| | Loctite® Pack Size 50 ml 250 ml | 2701 IDH No. 864526 864527 | APPLICATIONS 1. Studs in gear boxes 2. Cylinder blocks | BENEFITS 1. For maximum threadlocking strength of bolts, nuts and studs 2. For permanently locking assemblies which must not come loose 3. Seal Fasteners 4. Can be disassembled by heating to 300°C |
| Sealants | Loctite [®] Pack Size 50 ml 250 ml | 5 42 IDH No. 848735 848736 | APPLICATIONS 1. Hydraulic threaded fittings 2. Small pneumatic fittings up to R 3/4" | BENEFITS1. Suitable for sealing fine threads.2. Seals and locks in any position allowing parts to be easily aligned |
| Thread S | Loctite® Pack Size 50 ml 250 ml | 577 IDH No. 848742 848741 | APPLICATIONS 1. Air line fittings 2. Pneumatic systems | BENEFITS1. Medium strength pipe sealant for sealing coarse threads.2. Provides instant sealing advantage |

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Henkel Adhesive Technologies India Pvt. Ltd.





Gasketing Compounds



Gasketing Compounds

- Makes gaskets of any shape or size
- Fills imperfection
- ▶ Provides 100% sealing
- ▶ No relaxation or cracking
- ▶ Low inventory, labour and machining cost
- Wide range of solutions suitable for different thread types, flange types etc available



| Pack Siz 50 ml Loctit Grey Red White Loctit | | Loctite [®] SI 5910 Pack Size IDH No. 50 ml 1752556 | | APPLICATIONS Recommended for stamped sheet metal covers (timing covers and oil sumps) where good oil resistance and ability to withstand high joint movement is required | |
|---|------------------------------------|--|---|--|--|
| | | Grey 25 85 Red 25 85 | Derflex 24 IDH 1616705 1616799 1616707 1616706 1616702 1616704 | APPLICATIONS 1. Recommended for sealing all types of flanges including sheet metal 2. Especially suited for applications where high temperature resistance is required | BENEFITS 1. No irritating odour (like acetoxy cure silicones) as it is a neutral cure silicone 2. Wide service temperature range upto 260° C |
| | | Loctite [®] SI 587 BL Pack Size IDH No. 95 gm 1266356 | | APPLICATIONS Recommended for sealing all types of flanges including stamped sheet metal, valve cover, locker cover, oil pans, end seals & rare axle housing | BENEFITS 1. Gasket maker with high oil tolerance to automotive engine oils 2. Wide service temperature range (-59° C to 260° C) 3. Adapts to flange surfaces and scratches up to 6.35mm |
| langes | | Loctite® 574 Pack Size 250 ml | 1 IDH No. 848734 | APPLICATIONS Recommended for sealing rigid and semi rigid metal flange | BENEFITS 1. Fast curing with instant sealing 2. Adapts to flange surfaces and scratches up to 0.25mm 3. Recommended for high strength applications. |
| Rigid Flanges | Loctite® 515 Pack Size 50 ml | IDH No. 833769 | APPLICATIONS For sealing rigid flanges with less than 0.39 mm gap. Applicable on flanges that move in service or aluminum flanges | BENEFITS 1. Better able to withstand vibration 2. Adapts to flange surfaces and scratches up to 0.39 mm 3. Wide service temperature range (-59° C to 260° C) | |

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Henkel Adhesive Technologies India Pvt. Ltd.

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Retaining Compounds



Retaining Compounds

- ▶ Bonds non-threaded, cylindrical metal assemblies
- Less close tolerance required
- ▶ 100% contact leads to even load distribution
- ▶ No corrosion between metal parts



| | | Loctite [®] 603 Pack Size IDH No. 50 ml 865328 250 ml 1712323 | APPLICATIONS 1. Retains cylinder linings 2. Roller bearings 3. Oil impregnated bushings | BENEFITS 1. For high strength applications requiring tolerance to surface contamination such as oils etc 2. Fills clearance in repaired parts upto 0.1 mm 3. Seals assemblies and prevents fretting corrosion 4. Difficult to disassemble with normal tools |
|---------------------|--|--|---|---|
| spunoduc | 1000 1000 1000 1000 1000 1000 | Loctite [®] 638 Pack Size IDH No. 50 ml 1865160 250 ml 1865048 | APPLICATIONS For loose-fitting parts such as 1. Shaft 2. Gear 3. Pulleys | BENEFITS 1. For high-strength assemblies 2. Fills clearance in repaired parts upto o.25 mm 3. Seals assemblies and prevents fretting corrosion 4. Difficult to disassemble with normal tools |
| Retaining Compounds | Kocritte G48 | Loctite [®] 648 Pack Size IDH No. 50 ml 1865163 250 ml 1865164 | APPLICATIONS 1. Splined shafts 2. Bearings 3. Steering systems components 4. Gearings 5. Cylindrical parts | BENEFITS 1. Fills clearance in repaired parts upto 0.15 mm 2. Seals assemblies and prevents fretting corrosion 3. Difficult to disassemble with normal tools 4. Recommended for continuous working temperatures upto 149°C |
| | | Loctite [®] 680 Pack Size IDH No. 50 ml 1865165 250 ml 1865167 | APPLICATIONS 1. Shafts 2. Gears 3. Pulleys | BENEFITS 1. Suited for applications which face high dynamic, aerial and radial loads 2. Fills clearance in repaired parts upto 0.4 mm |

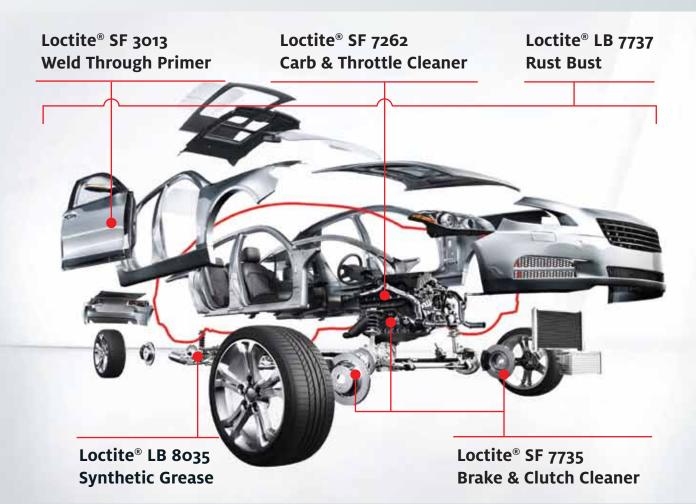
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Henkel Adhesive Technologies India Pvt. Ltd.





Lubricants, Cleaners & Degreasers



- Superior performance
- More active ingredients
- Effective and targeted application designed for various car parts







Loctite[®] SF 3013 Weld Through Primer

Pack Size IDH No. 300 gm 1673787 **APPLICATIONS**

1. Welded joints 2. Silencer coating

BENEFITS

- 1. Rust inhibitor primer
- 2. Temperature resistance upto 250°C
- 3. Protective coating without flaking

Loctite[®] SF 7262 **Carb & Throttle Cleaner** Pack Size IDH No. 1644282 70 gm 1788108 315 gm 350 gm 1644280

APPLICATIONS

1. Carburetor jets 2. Throttle body

BENEFITS

- 1. Carburetor & Throttle parts cleaner
- 2. Efficient residue removal
- 3. Engine efficiency improvement

Loctite[®] LB 7737 **Rust Bust**

Pack Size IDH No. 70 gm 1644275 315 gm 1909755 350 gm 1644299 **APPLICATIONS** 1. Nuts 2. Bolts 3. Rust prone joints 4. Hinges

BENEFITS

- 1. Rust loosening
- 2. Moisture displacement
- 3. Protection & Lubrication

Loctite[®] LB 8035 Synthetic Grease

Pack Size IDH No. 1644283 350 gm

APPLICATIONS

- 1. Bearings 2. Valves 3. Hinges
- 4. Open gears

BENEFITS

BENEFITS

2. Residue removal

- 1. Non dripping, non staining lubricant
- 2. Instant maintenance and protection
- 3. Long lasting lubricating film

Loctite[®] SF 7735 **Brake & Clutch Cleaner**

IDH No.

1644278

Pack Size

350 gm

APPLICATIONS

- 1. Brake cables 2. Liners
- 3. Pads
- 4. Clutch components
- improvement

3. Brake efficiency & effectiveness

1. Efficient brake & clutch parts cleaner

4. Restore friction of brake & clutch lining



Loctite[®] SF 7263 **Chain Lube**

Pack Size IDH No. 70 gm 1644300

APPLICATIONS

1. Gear 2. Chain 3. Cable 4. Wire rope

BENEFITS

1. Non dripping, non staining lubricant 2. Instant maintenance and protection

3. Long lasting lubricating film

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Henkel Adhesive Technologies India Pvt. Ltd.



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