

TEROSON®

***COLLISION
REPAIR
ESSENTIALS***

MADE FOR PROFESSIONALS



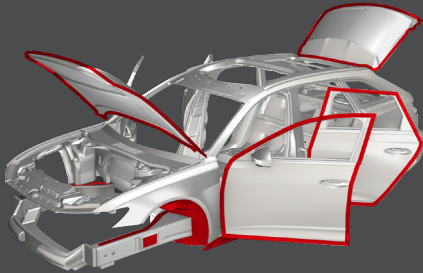
TEROSON® IS MADE FOR PROFESSIONALS.

The resourceful men and women who use their hands to repair vehicles to the highest standard. Who hold true to their craft and never back down from a professional challenge. And who constantly raise the bar to set new industry standards. With over 120 years of history, Teroson® enables these

dedicated professionals to transform damaged vehicles and return them to pre-crash standards. Teroson® Collision Repair is a line of solutions used for bonding, coating, sealing, acoustics, stiffening and reinforcing. These solutions are reliable. They are safe. They last. They improve efficiency. And they are simple to use.

Rebuild

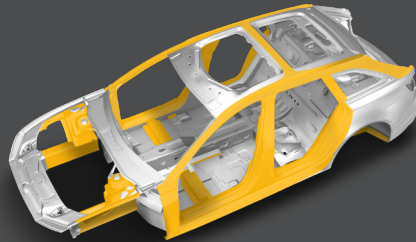
Common tasks that involve rebuilding OEM seams, metal or plastic parts. The adhesive range for rebuilding is broad and mainly chosen based on the substrate(s) that need to be rebuilt. Common technologies are MS, EP and PU. Remember: Rebuilding is often a time- and resource-saving alternative to replacing parts.



e.g. TEROSON® MS 9320 SF

Replace

Structural damage requires cutting out old parts and replacing them with new ones. Due to the size of the replaced parts, and the need to retain the structural integrity of the car, high-strength, structural bonding power is needed. This is the premium class within collision repair and requires comprehensive knowledge and practice to re-establish original structural integrity.



e.g. TEROSON® EP 5065

Repair

Small repair tasks. The things that can be fixed relatively easily, e.g. broken bumper clips, or components of similar complexity. These can be solved quickly with a selection of TEROSON® solutions for smart repair. Note: Small repair tasks are also referred to as "smart repair".



e.g. TEROSON® PU 9225 SF ME

TABLE OF CONTENTS

REBUILD

8 Seam Sealing

TEROSON® MS 9320 SF	8
---------------------------	---

10 Metal Rebuild

TEROSON® EP 5020 TR	10
---------------------------	----

12 Coating

TEROSON® RB R2000 HS	12
TEROSON® WT S3000 AQUA	13

REPLACE

14 Panel / Structural Bonding

TEROSON® EP 5055	14
TEROSON® EP 5065	15

16 NVH (Noise Vibration Harshness) / Anti-Flutter

TEROSON® PU 9161 AF	17
TEROSON® MS 222	18

TEROSON® BT SP 200	19
TEROSON® PU 9500	20

REPAIR

22 Plastic Repair / Hybrids

LOCTITE® 3090	22
LOCTITE® HY 4070	23

25 Smart Repair

TEROSON® 150	24
TEROSON® PU 9225 SF ME	25

26 Body Filler

TEROSON® UP 210	26
TEROSON® UP 250	27
TEROSON® UP 270	28

CLEANING

30 Cleaning and Priming

TEROSON® VR 10	30
BONDERITE® M-NT 1455	33

EQUIPMENT

34 Equipment

Dispenser, supporting tools	34
-----------------------------------	----

TEROSON® MS 9320 SF



Save up to 25% of rebuild time

TEROSON® MS 9320 SF is a solvent- and isocyanate-free, silane-modified polymer for the reproduction of flat- and wide-stream seams equal to OEM texture. Fast skin formation time: 10 to 20 min. Best application results with: TEROSON® ET DISPENSER POWERLINE II or TEROSON® ET AIR DISPENSER MULTIPRESS for sprayable sealing. Surface preparation with TEROSON® VR 10 recommended.

- Unique application system to reproduce flat- and wide-stream beads equal to OEM texture refinish
- Sprayable and brushable
- Very good adhesion to a wide range of substrates, without primer
- Excellent UV resistance and weathering performance



TEROSON® EP 5020 TR

Time is money - save both

TEROSON® EP 5020 TR is a unique, cold-applied, 2-component, epoxy-based, adhesive for rebuilding metal surfaces such as vehicle shells or car bodies made from steel or aluminium. It is designed to rebuild the original shape of damaged car body parts. The product is applied with LOCTITE® HAND DISPENSER, with mixing ratio 2:1. Reduced curing time with IR heater at 60°C.

- Fast 2-component epoxy
- Lead-free alternative to tin soldering
- Outstanding sandability
- Excellent sag resistance
- Time-saving
- No shrinkage





TEROSON® RB R2000 HS

OEM-quality textures

TEROSON® RB R2000 HS is a rubber- and resin-based, overpaintable coating product for preserving and complementing existing underbody coatings and spot repairs. Enhances abrasion resistance on visible underbody car parts. Reproduces OEM textures and is compatible with all OEM coatings. Use with TEROSON® UNIVERSAL UBC DISPENSER or TEROSON® STANDARD UBC DISPENSER.

- Reproduces OEM textures
- Extended life for underbody protection
- Coating of primed, surfaced metals or painted parts
- Overpaintable
- High solid content
- Flexible properties even in cold conditions



TEROSON® WT S3000 AQUA

Excellent abrasion resistance

TEROSON® WT S3000 AQUA is a water-based coating product for underbody stone chip protection. Ideal for reproducing OEM textures. Overpaintable, VOC-free, has no solvent odour. OEM specified. Easy application with TEROSON® UNIVERSAL UBC DISPENSER or TEROSON® STANDARD UBC DISPENSER. Recommended surface treatment with TEROSON VR 10.

- Excellent abrasion resistance for stone chip, underbody coating
- Reproduces all different kinds of OEM textures
- High sag resistance
- UV stable and overpaintable
- No shrinkage, no cracking
- Compatible with OEM PVC coatings



TEROSON® EP 5055

Perfect for roofs and panels

TEROSON® EP 5055 is a 2-component, high-strength, solvent-free, epoxy-based, structural bonding adhesive with excellent corrosion protection properties for bonding metal (coated and uncoated), e.g. steel, aluminum or sheet moulding compounds. It is ideal for roof, door and panel bonding. It is necessary to use an application tool with piston rod, e.g. the Teroson® ET STAKU HAND DISPENSER or the Teroson® ET DISPENSER POWERLINE II. Surface preparation with Teroson® VR 10 recommended.

- Provides body stiffness mainly for NVH purposes & weld reduction
- Adheres to a wide range of materials (without primer) such as aluminum, steel and sheet moulding compounds
- Excellent corrosion prevention
- OEM approved
- Spot weldable, as long as the material not yet solidified



TEROSON® EP 5065

Super strength - superlative safety

TEROSON® EP 5065 is a 2-component, high-strength, impact-resistant, solvent-free, epoxy resin-based adhesive. It has high-impact wedge-peel strength at high and low temperatures (-40°C to +80°C). It is used in car repair for critical structural safety parts when crash behavior requirements are high (e.g. car body steel with or without e-coat, galvanized steel and aluminium). It is necessary to use an application tool with piston rod, e.g. the Teroson® ET STAKU HAND DISPENSER or the Teroson® ET DISPENSER POWERLINE II. Surface preparation with Teroson® VR 10 recommended.

- High crash safety at different temperatures
- Adheres to a wide range of materials (without primer) such as aluminum, steel and sheet moulding compounds
- Excellent corrosion prevention
- OEM approved
- Spot weldable, as long as the material not yet solidified



TEROSON® PU 9161 AF

Eliminate harsh vibes

TEROSON® PU 9161 AF is a flexible, dark-grey, 2-component polyurethane used for underlayment in the bodywork area, e.g. between roof and mirrors. It cures at room temperature and can be painted with normal commercial car repair refinishing paints. The product can be applied with TEROSON® HAND DISPENSER. Surface preparation with TEROSON® VR 10 recommended.

- Prevents NVH [noise, vibration, harshness]
- Easy to use - supplied in a convenient twin cartridge
- Can be painted with normal, commercial, car-repair refinishing paints
- Serves as a decoupler for vehicle components
- Excellent sag resistance and foams to a closed cell with 100% memory



TEROSON® MS 222



TEROSON® BT SP 200

Performs under pressure

TEROSON® MS 222 is a beige, 1-part, solvent-free, odourless, gun-grade, thixotropic, moisture-cured sealant based on silane modified polymer. It cures to a soft elastic product. Skin-formation and curing times are dependent on humidity, temperature and joint depth. It is free of isocyanates, silicones and PVC.

- Free of isocyanates, silicone and PVC
- Solvent-free
- Gun-grade
- Cures to a soft, elastic product

Stops airborne noise in its tracks

TEROSON® BT SP 200 is a high-quality, sound-deadening, foam mat with PU protective skin for damping air-borne sound in the bonnet and luggage compartment. The mat is pressure-sensitive and coated on one side with a protective polyurethane skin. The product is flame retardant and resistant to oil, fuel, heat and water. Surface preparation with Teroson® VR 10 recommended..

- Flexible when heated
- Conforms to body panel shapes when heated
- Flows into ribbings and corners when heated
- Adhesion: pressure-sensitive/self-adhesive



TEROSON® PU 9500

The perfect seal - blocks noise, water, dust

TEROSON® PU 9500 FOAM is a sound-deadening, 2-component, polyurethane foam for A-, B-, and C-pillars, door sills, and frame structures. Ideal for refixing preformed acoustic parts. Surface preparation with TEROSON® VR 10 recommended.

- **Sound insulation:** Blocks the passage of airborne noise in hollow cavities
- Prevents noise, vibration and harshness (NVH)
- Provides a complete seal against water and dust
- Flame retardant
- Adhesion: self-adhesive/foaming
- OEM specified



LOCTITE® 3090



Ultra fast, ultra precise

LOCTITE® 3090 is a 2-component, fast-curing, gap-filling adhesive with excellent bonding characteristics, making it suitable for a variety of substrates incl. plastics, rubbers and metals. It is designed for the assembly of parts with varying or undefined bond gaps up to 5 mm, or for applications where the complete cure of excess adhesive is a must. The gel consistency prevents adhesive flow even on vertical surfaces.

- **Fast curing**
- **Gap fill: up to 5 mm**
- **Gel-based: non-drip formula allowing vertical and overhead application**
- **Perfect for all quick repairs**
- **Excellent bonding of all common substrates (metals, most plastics, rubber, wood, paper, etc.)**
- **Temperature resistance from -40 to +80 °C**

LOCTITE® HY 4070



Most versatile adhesive in your toolbox

LOCTITE® HY 4070 is a 2-part, transparent, colourless to pale yellow, cyanoacrylate/acrylic hybrid, universal bonder. Provides fast fixture at room temperature in bond gaps up to 5 mm. It works well on various substrates including most plastics, rubbers and metals. It is used where complete cure of excess adhesive as well as temperature and moisture resistance is required.

- **Non-sag**
- **Gel consistency prevents adhesive flow, even on vertical surfaces.**
- **Gap fill: up to 5 mm**
- **Temperature and moisture resistance**

TEROSON® 150



TEROSON® PU 9225 SF ME

For superior adhesion

TEROSON® 150 is used on plastic parts to improve the adhesion performance of plastic repair adhesives (TEROSON® PU 9225 SF/UF/ME) and plastic filler product (TEROSON® UP 250) prior to painting. The primer is easily applied with a spray can.

- Excellent adhesion promoter/primer for paintable plastic parts, plastic filler products and similar
- Easy to use
- Short evaporation time

A smart, speedy solution for plastic repair

TEROSON® PU 9225 SF ME is a 2-component, fast-curing, repair adhesive. It is used for repair tasks on paintable interior and exterior plastic parts, mainly for smaller damages on bumpers, spoilers etc. Due to micro-emission properties, MDI (monomeric diisocyanate) content is <0,1%. The product can be cured with IR heater at 60°C. Easy application with the Teroson® HAND DISPENSER (50 ml cartridges) and an appropriate static mixer. Surface preparation with Teroson® VR 10 recommended.

- Recommended for repair areas smaller than 7 cm
- Superior adhesion on plastics (use adhesion promoter Teroson® 150)
- Excellent sandability
- Improved health & safety due to micro-emission properties
- Overpaintable with all car paint systems (use adhesion promoter)



TEROSON® UP 210



TEROSON® UP 250

Your go-to filler for everyday use

TEROSON® UP 210 is a premium, everyday, unsaturated, polyester body filler used for filling dents and gives a perfect surface before painting. It repairs dents, scratches, pinholes and other imperfections, as well as being suitable for reshaping. It is suitable for use on steel, aluminum, galvanized surfaces and glass fiber.

- Suitable for reshaping
- Gives a perfect surface before painting
- Premium, everyday body filler

Designed for paintable plastic parts

TEROSON® UP 250 is an elastic, unsaturated, polyester body filler which is suitable for all types of paintable plastic repairs. It repairs scratches, imperfections and is suitable for use in reshaping of bumpers. It can be used on paintable plastic parts and is perfect for skimming repairs made with TEROSON® plastic repair products such as TEROSON® PU 9225 SF/UF/ME

- Suitable for reshaping
- Gives a perfect surface before painting
- Premium, everyday body filler



A smooth operator

TEROSON® UP 270 is a super smooth, easy-to-spread, unsaturated, polyester body filler with low viscosity and self-leveling properties. It repairs scratches, pinholes and other imperfections. It can be used on steel, aluminium, galvanized surfaces and glass fiber.

- Easy to spread
- Super smooth
- Self-leveling properties
- Low viscosity



**GET IT RIGHT
THE FIRST TIME.
EVERY TIME.**



TEROSON® VR 10



Pre-treatment liquid with a gentle touch

TEROSON VR 10 is a transparent, white-spirit, pre-treatment liquid for bonding and sealing applications. Contains no chlorinated hydrocarbons and is not harmful to car paints when used on a short-term basis. TEROSON® VR 10 will not inhibit the curing of adhesive/sealants. Applied and wiped off with a non-woven tissue or similar.

- Promotes adhesion and sealing
- Contains no chlorinated hydrocarbons
- Universal application
- Not harmful to car paints
- Will not inhibit curing
- Easily applied



BONDERITE® M-NT 1455

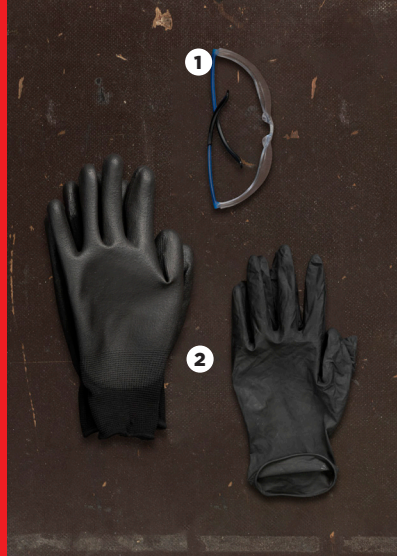
Wipe on a new coating

BONDERITE M-NT 1455 wipes are ready-to-use and make metal pre-treatment processes fast and easy. Enhance adhesion of paint or sealing materials and improve corrosion resistance for subsequent paint process. Ideally used for metal surface conversion on bare metal thanks to excellent corrosion prevention properties. Chromium-free and easily disposable with very low VOC-content.

- Ready-to-use wipes, no application equipment required
- Excellent corrosion prevention
- Provides better adhesion of paint and sealing materials
- Time-saving (no wash primer or etch primer, no cleaning/rinsing afterwards)

SAFETY EQUIPMENT

1. Goggles
2. Gloves



CLEANING

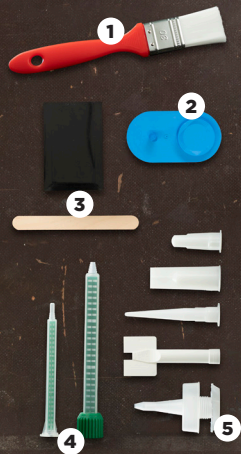
1. BONDERITE® M-NT 1455
2. TEROSON® VR 10



SUPPORTING EQUIPMENT

FOR REBUILD & REPLACE


1. Brush
2. Cartridge Opener
3. Spreaders
4. Static Mixer, small & big
5. Nozzles for MS 9320 SF



DISPENSERS

1. TEROSON® ET Battery
2. TEROSON® ET Powerline II Air Pressure
3. TEROSON® ET Hand
4. TEROSON® ET Multipress
5. TEROSON® ET Staku Hand
6. TEROSON® UNIVERSAL UBC
7. TEROSON® STANDARD UBC



A woman with dark hair pulled back, wearing safety glasses and a dark long-sleeved shirt, is focused on working on a car. She is wearing black gloves and is positioned in front of the open hood of a dark-colored vehicle. The background shows a typical garage setting with metal structures and a window.

Reach out to your local sales expert
for more info or visit us:

www.henkel-adhesives.com/collision-repair.html

All marks are trademarks and/or registered trademarks of Henkel and its affiliates in the U.S., Germany and elsewhere.

© Henkel AG & Co. KGaA, 2022

