

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

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

Henkel Ltd
Wood Lane End
Hemel Hempstead
Hertfordshire
HP2 4RQ

Tel.: 01442 278100

<https://www.henkel-adhesives.com/uk/en.html>

<https://www.henkel.co.uk/>

The data contained herein are intended as reference only. Please contact Henkel Technical Support Group for assistance and recommendation on specifications for these products. Except as otherwise noted, all marks used above in this printed material are trademarks and/or registered trademarks of Henkel and/or its affiliates in US, Germany, and elsewhere.

© Henkel AG & Co. KGaA, 2022



TEROSON®

***COLLISION
REPAIR
ESSENTIALS***



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. Those who constantly raise the bar to set new industry standards.

MADE FOR **PROFESSIONALS**



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.

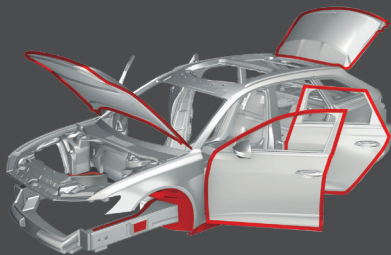
REPLACE

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.

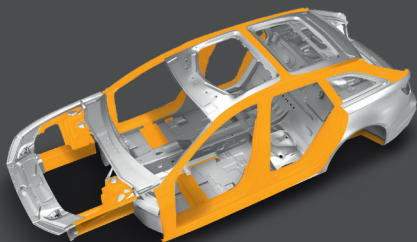
REPAIR

Small repair tasks. The things that can be fixed relatively easily, e.g. bumper repair, broken bumper clips, or components of similar complexity. These can be solved quickly with a selection of TEROSON solutions for smart repair.

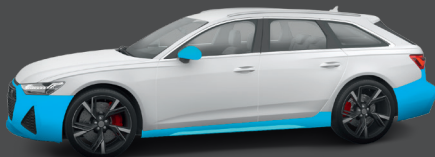
Note: Small repair tasks are also referred to as “smart repair”.



e.g. TEROSON MS 9320 SF



e.g. TEROSON EP 5065



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
-----------------------	----

18 NVH (Noise Vibration Harshness)/Anti-Flutter

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

24 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

Guns and supporting tools	34
---------------------------------	----

TEROSON MS 9320 SF





Six Finishes, One Product

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 POWERLINE II PISTOL or TEROSON ET AIR MULTIPRESS PISTOL 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**
- **Wet-on-wet paintable**
- **Save up to 25% of rebuild time***

* Based on an average time of 120 min. / repair



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 GUN, 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 need to dismantle parts**
- **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 PISTOL or TEROSON STANDARD UBC PISTOL.

- 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
- Available in water based solution



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, low odour. OEM specified. Easy application with TEROSON UNIVERSAL UBC PISTOL or TEROSON STANDARD UBC PISTOL. Recommended surface treatment with TEROSON VR 10.

- Excellent abrasion resistance for stone chip and 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
- Sandable



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, aluminium or sheet moulding compounds. It is ideal for roof, door and panel bonding. The product exhibits excellent corrosion prevention and spot-weldable properties. It is necessary to use an application tool with piston rod, e.g. the Teroson ET STAKU HAND PISTOL or the Teroson ET POWERLINE II PISTOL. 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 aluminium, steel and sheet moulding compounds
- Excellent corrosion prevention
- OEM approved
- Spot weldable, in a wet state

TEROSON EP 5065



Impact resistant – 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 to +80 °C). It is used in car repair for critical structural safety parts when crash behaviour requirements are high (e.g. car body steel with or without e-coat, galvanised steel and aluminium, A&B pillars, suspension turrets and floor members). It provides corrosion protection. It is necessary to use an application tool with piston rod, e.g. the TEROSON ET STAKU HAND PISTOL or the TEROSON ET POWERLINE II PISTOL. Surface preparation with TEROSON VR 10 recommended.

- **High crash safety at different temperatures**
- **Adheres to a wide range of materials (without primer) such as aluminium, steel and sheet moulding compounds**
- **Excellent corrosion prevention**
- **OEM approved**
- **Spot weldable, in a wet state**







TEROSON MS 222

Anti-Flutter

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. Application areas include roof bars, door bars, stiffeners and inner frames.

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

TEROSON BT SP 200



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 retardent**
- **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**
- **Moisture resistant**
- **Temperature resistance from -40 to +100 °C**
- **Bonds multiple substrates including plastics, rubbers, and metal**


TEROSON 150



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 flash-off time



TEROSON

PU 9225 SF ME

Kunststoff-Reparatur-Klebstoff

Base: 2 Komponenten Polyurethan

Plastic Repair Sealant

Base: Two-component polyurethane

Colle de réparation pour plastiques

Base: polyuréthane bi-composants

TEROSON PU 9225 SF ME

A smart, speedy solution for plastic repair

TEROSON PU 9225 SF ME is a 2-component, fast-curing, repair adhesive. It is typically used for repair tasks on paintable interior and exterior plastic parts, mainly for smaller damages on bumpers, spoilers etc. Thanks 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 PISTOL (50 ml cartridges) and an appropriate static mixer. Surface preparation with TEROSON VR 10 recommended.

- Super fast 2-component polyurethane
- 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

Your universal 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, aluminium, galvanised surfaces and glass fibre.

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



TEROSON UP 250

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
- Flexible

TEROSON UP 270



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, galvanised surfaces and glass fibre.

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

A middle-aged man with short, light brown hair and a slight smile, wearing a black long-sleeved shirt. He has his arms crossed and is looking directly at the camera. The background is a bright, out-of-focus indoor space with a window on the left.

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

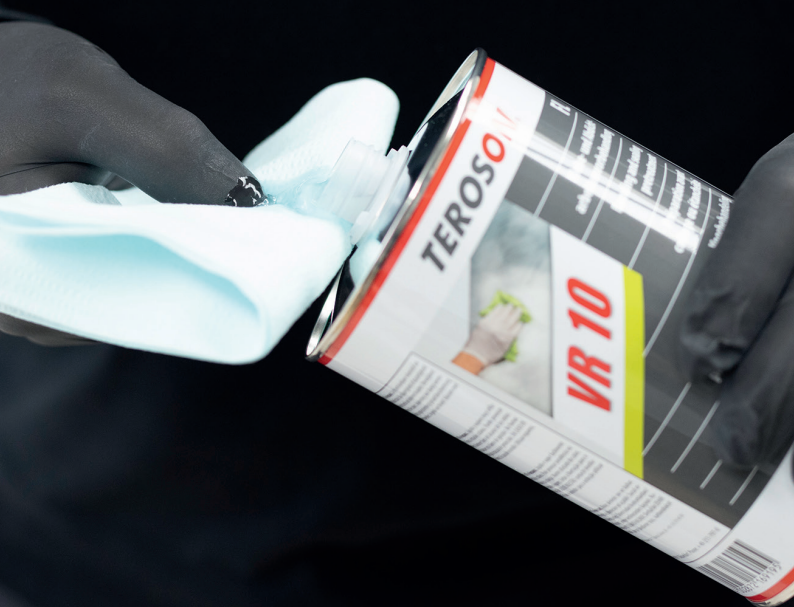


TEROSON VR 10

Cleaner with a gentle touch

TEROSON VR 10 is a transparent cleaner / degreaser 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

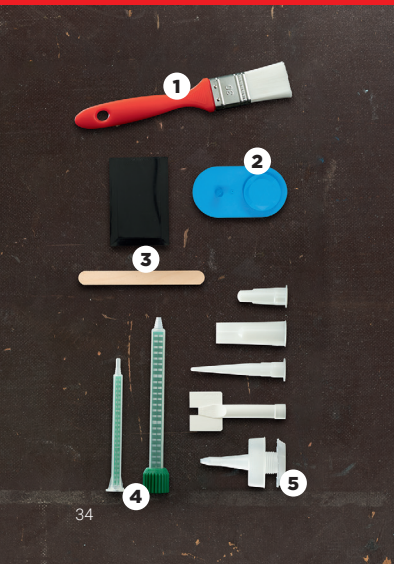
Wipe on a new coating

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, including aluminium, 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)
- Works on aluminium
- Quick flash-off time

SAFETY EQUIPMENT

1. Goggles
2. Gloves



SUPPORTING EQUIPMENT

FOR REBUILD & REPLACE

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

CLEANING AND PRE-TREAT- MENT

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



PISTOLS

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