

TEROSON® LIZARDSKIN THERMAL CONTROL

March 2026

PRODUCT DESCRIPTION

TEROSON® LIZARDSKIN THERMAL CONTROL provides the following product characteristics:

Technology	Water Based Acrylic
Chemical type	Acrylic
Appearance	Dark grey, white
Odour	Slight
Cure	Evaporation
Application	Underbody coating
Application temperature	15 to 50°C (60 to 122°F)
In service temperature	-25 to 177°C (-13 to 350°F)
Short exposure (up to 1h)	190°C (375°F)
Specific benefits	<ul style="list-style-type: none"> • Thermal Insulation • Stone-chip protection

TEROSON® LIZARDSKIN THERMAL CONTROL is a 1-part water based acrylic compound designed for reducing heat gain. Drying time depends on the thickness of the coating applied, ambient temperature, and the relative humidity of the ambient air. Drying is considerably faster if good ventilation, low humidity, and relatively high temperatures are provided. The dry film adheres well to non-ferrous metals, fiberglass, epoxies, and ferrous metals with primer, also to painted surfaces. When fully air dried (at the earliest after 12 hours) the coating can be sanded and/or painted with standard vehicle paint systems (including solvent borne paints).

Typical applications include underbody, firewall, ceiling, floor, wheelhouse, doors skins, trunk pans, and more.

Typical properties

Solids, %	68.4
Wet weight, kg/L (lbs/gal)	0.70 (5.81)
VOC Content, g/L (lbs/gal)	25 (0.21)

Typical performance

0.5mm (20 mils) wet layer thickness, dried @ 23°C 50% RH

Tack free time, minutes	75
Drying time, hours	48

Typical performance of dried material

@ 1mm (40 mils) DFT

Weight, kg/sq meter (lbs/sqft)	0.56 (0.12)
Coverage, sq meter/L (sqft/gal)	0.55 (22.5)

General information

This product is not recommended to use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Safety Data Sheet (SDS).

Use only in a well ventilated area.

Direction for use

Pre-treatment

1. Surfaces to be treated with TEROSON® LIZARDSKIN THERMAL CONTROL have to be clean dry and free of rust, oil, grease, dust and other contamination.
2. Areas not to be coated should be properly covered with masking paper.
3. Bare ferrous surfaces must always be coated with a 2K automotive primer prior to coating with TEROSON® LIZARDSKIN THERMAL CONTROL.
4. In the case of new vehicles, protective wax must be steam-cleaned.
5. If applied to older vehicles, watch out for rust formation. Loose rust must be removed with a wire brush and remaining surface rust must be neutralized. Follow rust neutralizer's instructions for top coating.

Application

1. TEROSON® LIZARDSKIN THERMAL CONTROL is applied with the TEROSON® LizardSkin SuperPro Application Gun. Recommended application pressure is 3 - 5 bar at the gun.
2. Protect floors with paper or cardboard and mix the pail using the red mixing paddle from the Teroson LizardSkin SuperPro Kit and a drill. Mix until the contents of the pail are a uniform color and consistency, approximately 1-2 minutes.
3. To reduce product wastage and premature skin formation, close container until ready to apply. Premature skin formation could cause clogs when transferring product to application sprayer.
4. When ready to apply, pour contents of pail into SuperPro Application Sprayer cup. Adjust spray gun in accordance with Teroson LizardSkin Application Instructions.
5. In order to avoid bare patches, the material should be sprayed in cross-hatch fashion.
6. Once coating passes 90° thumb test, apply a second coat. The vehicle is ready for recoat in 30 – 90 minutes after application.
7. For final drying 12-72 hours are necessary, depending on ambient conditions.

Painting

1. TEROSON® LIZARDSKIN THERMAL CONTROL can be painted over with waterborne or solvent based paints once fully dry. Due to extensive paint systems existing in the market preliminary tests should always be carried out.
2. For waterborne & solvent-based paints, TEROSON® LIZARDSKIN THERMAL CONTROL is overpaintable at the earliest after 12 hours and has an infinite recoat window after application, if the coating is clean and dry.
3. Accelerated drying can be accomplished by increasing ambient temperature or increasing ventilation. Spot drying with heat lamps will cause premature skin formation leading to improper drying.

Important

1. Do not spray onto joints, engine, drive, cardan shaft, exhaust, catalyst and brake system.
2. After use blow through TEROSON® LizardSkin Application Gun and then purge with water.
3. Clogging of the gun may cause permanent inoperability.
4. Product should not be subjected to freezing.

Cleaning

1. Remove excess spray immediately with water.
2. After using, purge air through TEROSON® LizardSkin Application Gun and then clean with water.
3. Clogging of the gun may cause permanent inoperability.

Storage

Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling.

Optimal storage: 10°C to 32°C. Storage below 10°C or greater than 32°C can adversely affect product properties.

Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel Corporation cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local Henkel representative.

Product specification

The technical data contained herein are intended as reference only and are not considered specifications for the product. Product specifications are located on the Certificate of Analysis or please contact Henkel representative.

Approval and certificate

Please contact Henkel representative for related approval or certificate of this product.

Data ranges

The data contained herein may be reported as a typical value. Values are based on actual test data and are verified on a periodic basis.

Temperature/Humidity Ranges: 23°C / 50% RH = 23±2°C / 50±5% RH

Conversions

(°C x 1.8) + 32 = °F
 kV/mm x 25.4 = V/mil
 mm / 25.4 = inches
 µm / 25.4 = mil
 N x 0.225 = lb
 N/mm x 5.71 = lb/in
 N/mm² x 145 = psi
 MPa x 145 = psi
 N·m x 8.851 = lb·in
 N·m x 0.738 = lb·ft
 N·mm x 0.142 = oz·in
 mPa·s = cP

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