



# Spray your way to a cooler vehicle



**LizardSkin CI is a spray-on automotive insulation with sound absorption abilities**

## Benefits of LizardSkin CI

- Provides non-combustible thermal insulation
- Eliminate cut and paste waste
- Offers a seamless membrane of unequaled protection
- Does not allow corrosion under insulation to occur
- Easy to apply to irregular surfaces
- Adheres to any material and eliminates the potential of surface corrosion
- Drastically reduces engine and/or solar heat gain
- Easy spray-on application
- Withstand temperatures from -45°F to 500°F
- Fast clean up with soap and water
- Environmentally friendly solution
- Lightweight (around 0.1 lbs/ft<sup>2</sup>).

The LizardSkin Ceramic Insulation formula is an advanced, water-based composition of high-grade acrylic binders with air-filled insulating/reflective and sound-absorbing particles. LizardSkin Ceramic Insulation is used by custom car, street rod, race car and truck builders to reduce heat and noise transfer and seal unexposed body surfaces. When applied under fender wells, it can help prevent “starring” from stones and gravel. LizardSkin is best applied with our special spray gun to a clean and dry primed or painted rust-free surface. Typical applications include firewalls, floor pans, transmission tunnels, doors, hoods, truck lids, under headliners, inside fenders, panel van walls and more.



**www.lizardskin.com**  
**800-549-0043**

**LizardSkin brought to you by:**



**Mascoat**  
P R O D U C T S

**THE LEADER IN INSULATING COATINGS**

## Selection & Specification Data

<b>Product Name</b>	LizardSkin Ceramic Insulation
<b>Base</b>	Water-based Acrylic Insulation Coating
<b>Gloss</b>	Flat
<b>Color</b>	Black, White
<b>Wet Weight</b>	5.58 lbs./gallon
<b>Volume Solids Content</b>	71.1%
<b>Average Coat Thickness</b>	20-22 mils WFT at 70°-130°F — High Pass
<b>Practical Wet Coat Coverage</b>	50 ft <sup>2</sup> /gal @ 20 mils DFT
<b>VOC Content</b>	0.07 lbs/gal
<b>Weight DFT</b>	0.040 lbs / sq ft at 20 mils dft 0.194 kg / sq meter at 0.50 mm dft
<b>Limitations</b>	Applications should not exceed 350°F (176°C).
<b>Storage</b>	Do not subject wet coating in pail format to freezing conditions. Coating should be kept in a warehouse between 60°F and 90°F.

## Substrates & Surface Preparation

<b>Surface Prep</b>	Surface should be dry and free of foreign matter. Surface prep can be used to NACE 1-3 (SSPC SP 5-6) when applicable.
<b>Ferrous Surfaces</b>	Should be primed prior to application of LizardSkin Ceramic Insulation.
<b>Non-ferrous Surfaces</b>	The coating can be applied directly to non-ferrous surfaces. Surface should be clean and free of any oil, dirt or other foreign matter.

## Mixing & Thinning

<b>Mixing</b>	Only the supplied Mascoat paddle should be used. Use 1/2" drill motor to stir contents with paddle.
<b>Thinning</b>	Thinning is normally not needed. Please consult Mascoat for specific instructions if thinning is desired.
<b>Pot life</b>	Coating is one part, so no catalyzation is needed. Pail can be reused if properly sealed.
<b>Containers</b>	1 and 2 gallon pails

## Application Equipment

<b>Small Spray Application</b>	Please consult Mascoat for the sprayer. This gun is excellent for small applications and touch ups.
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**Disclaimer:** This coating is specifically designed for Automotive Insulation purposes. This data sheet is designed for informational purposes only and all data represented was tested by either ASTM testing or other and reported as per findings.

## Application

<b>Substrate</b>	Substrate must be above 60°F during and after application for coating to dry properly.
<b>Estimated Dry Time</b>	1 hour and 15 min @ 77°F and 47% Relative Humidity @ 20 mils (low pass). Allow 24 hours for full cure at 70°F.
<b>Applying with LS SC</b>	If applying both LizardSkin Ceramic Insulation and LizardSkin Sound Control, Sound Control must be applied to the substrate prior to the Ceramic Insulation for both coatings to work to their full potential.
<b>Forced Drying</b>	Forced drying with heat directly over the surface is not recommended. This will prematurely skin the coating and cause improper drying. Elevating the surface temperature of the substrate prior to application will aid in dry times, but keep below 120°F.
<b>Environment Application Conditions</b>	It is recommended to apply this coating in an area that is above at least 75°F. High humidity areas will increase dry times. Forced ventilation is recommended as this help to evacuate water content out of the film. It is important to bring in air as well as exhaust air for best environmental conditions.
<b>Storage</b>	LizardSkin Ceramic Insulation should be kept in a storage area above 60°F or above. Product can be reused if sealed correctly. It is best to keep container out of direct sunlight for sustained periods of time.
<b>Shelf Life</b>	One year shelf life from date of manufacture.
<b>Caution</b>	Do not let product freeze.

## Cleanup and Safety

<b>Cleanup</b>	Equipment may be cleaned with soap & water.
<b>Safety</b>	Half-face respirator recommended with ammonia cartridge or better. Eye protection recommended.
<b>Ventilation</b>	Recommended for constricted areas.
<b>Caution</b>	This material is not for human consumption
<b>Clothing</b>	Safety clothing & gloves are recommended.

## Mascoat Information

<b>Contact Information</b>	Mascoat Products 4310 Campbell Rd. Houston, TX 77041 800-549-0043 info@mascoat.com www.mascoat.com www.lizardskin.com
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