



Technical Data Sheet (TDS)

Issued by:

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OEM POLYSILAZANE HYBRID CERAMIC COATING ULTRA-HARD PROTECTION FORMULA (8-YEAR DURABILITY)

Product Lineup

- OEM Polysilazane Hybrid Ceramic Coating - Ultra-Hard Protection Formula (8-Year Durability) 15ml
- OEM Polysilazane Hybrid Ceramic Coating - Ultra-Hard Protection Formula (8-Year Durability) 30ml
- OEM Polysilazane Hybrid Ceramic Coating - Ultra-Hard Protection Formula (8-Year Durability) 50ml
- OEM Polysilazane Hybrid Ceramic Coating - Ultra-Hard Protection Formula (8-Year Durability) 80ml
- OEM Polysilazane Hybrid Ceramic Coating - Ultra-Hard Protection Formula (8-Year Durability) 250ml
- OEM Polysilazane Hybrid Ceramic Coating - Ultra-Hard Protection Formula (8-Year Durability) 500ml
- OEM Polysilazane Hybrid Ceramic Coating - Ultra-Hard Protection Formula (8-Year



Durability) 1L (500ml ×2)

1. Product Concept

A hand-applied, reactive-curing polysilazane-hybrid ceramic coating that forms a robust inorganic-rich network.

It delivers strong hydrophobic and oleophobic behavior, excellent anti-stain and solvent resistance, and long-term weather durability, targeting approximately 8 years of protection.

2. Composition & Key Features

- Type: Hand-applied reactive-curing polysilazane-hybrid ceramic coating
- Durability: Approx. 8 years
- Application Method: Wipe-on / wipe-off (apply and wipe immediately)
- Recommended Usage Amount: Approx. 30 ml per vehicle
- Finish: High-gloss, smooth ceramic film

Key Features

- High-hardness coating minimizes fine scratches
- Strong hydrophobicity with excellent oleophobic and anti-stain performance
- High resistance to gasoline and common maintenance solvents
- Deep, clear gloss with superior weather durability
- Simple two-step process (apply → wipe off)

3. Performance & Characteristics

The reactive-cured polysilazane-hybrid network forms a dense, smooth surface layer that resists micro-marring and wear caused by daily washing and driving.

Its low-surface-energy characteristics repel water, oils, and contaminants, enabling easy maintenance while maintaining long-term gloss.

The coating also provides excellent resistance to fuels and common automotive solvents without



staining or discoloration.

4. Recommended Application Areas

- Painted body panels (hood, roof, doors, fenders, bumpers, etc.)
- Painted mirror housings and pillar trims
- Motorcycle painted parts

5. Application Method

1. Rinse off dust and contaminants thoroughly.
2. Perform surface prep as needed (wash, decontamination, degreasing).
3. Ensure the surface is completely dry.
4. Wrap a coating cloth around the applicator block and apply a small amount of product.
5. Work in 30–50 cm sections, spreading evenly in cross-hatch patterns.
6. Wipe off immediately with a clean microfiber towel.
7. Repeat across the whole vehicle.
8. Inspect carefully for any residue or streaks.

6. Precautions During Application

- Avoid direct sunlight and hot panels.
- In warm or humid conditions, reduce the working area to prevent premature curing.
- Do not over-apply; excess product may cause haze or streaks.
- Close the cap firmly after use and store in a cool, dark place.

7. Summary of Product Properties

- Type: Reactive-curing polysilazane-hybrid ceramic coating (hand-applied)



- Usage per Vehicle: Approx. 30 ml
- Durability: Approx. 8 years
- Surface Properties: Strong hydrophobicity / oleophobicity; smooth ceramic surface
- Resistance: Solvent-resistant, weather-durable
- Gloss Level: High
- Country of Origin: Japan

8. Remarks

- Avoid water exposure, condensation, and washing for 24 hours after application.
- Actual durability may vary depending on driving conditions, storage environment, and washing frequency.
- This document provides technical reference information and does not guarantee product performance.

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The information contained in this Technical Data Sheet is based on current technical knowledge at the time of publication.

Specifications and details are subject to change without prior notice.