



Technical Data Sheet (TDS)

Issued by:

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OEM 4-LIQUID 2-LAYER TYPE CERAMIC COATING

Product Lineup

- OEM 4-Liquid 2-Layer Type Ceramic Coating

1. Product Concept

This product is an innovative next-generation ceramic coating system featuring a 4-liquid, 2-layer structure.

By separating the functions of adhesion (Base Coat) and hydrophobic/anti-fouling/gloss enhancement (Top Coat), it achieves performance levels difficult to reach with traditional single-liquid coatings.

2. Composition & Key Features

- Type: 4-liquid, 2-layer curing-type ceramic coating



- Form: Liquid (Main Agent + Curing Accelerator)
- Recommended Usage Amount: Approx. 30 ml per vehicle
- Applicable Materials: Automotive paint surfaces, wheels
- Finish: Ultra gloss, high clarity, strong hydrophobicity, anti-fouling performance

Grade Configuration

- Base Coat A (Main Agent) + B (Curing Accelerator)
- Top Coat A (Main Agent) + B (Curing Accelerator)

Key Features

- High adhesion and long-term durability through separate base and top layers
- Polysilazane × nano-carbon formula providing anti-static and enhanced water-sliding

performance

- Self-leveling properties that help visually reduce micro-scratches
- A/B separation ensures freshness, stability, and consistent curing

3. Performance & Characteristics

Water Repellency

The Top Coat forms a low surface-energy layer that strongly repels water and promotes rapid runoff.

Restoration of Water Repellency & Anti-Soiling Performance

Reduces adhesion of waterborne contaminants and helps maintain a clean surface.

Gloss

Creates deep, clear gloss with high transparency through a smooth ceramic film.

Workability

Hand-application system designed for controlled reaction timing and stable film formation.

Compatibility

Suitable for automotive painted surfaces and painted wheels.



Cleaning Performance

Anti-fouling properties help reduce contamination buildup after application.

Enhancement of Gloss & Clarity

Self-leveling characteristics contribute to visual refinement of the paint surface.

Coating-Compatible Formulation

Two-layer design optimizes adhesion and surface functionality independently.

Removal Performance

Wipe-off process ensures controlled film thickness without residue.

Safety

Formulated for professional application with controlled curing behavior.

Ease of Operation

A/B separation allows predictable reaction control at the time of application.

Cost Efficiency

System design maximizes durability and performance per application.

Non-Applicable Contaminants

Not intended for removal of heavy oxidation or severe surface damage.

4. Recommended Application Areas

- Automotive painted body panels
- Painted wheels
- Painted exterior trim components

5. Application Method

1. Perform surface preparation using a neutral shampoo or degreaser, and allow the surface to



fully dry.

2. Mix Base Coat A with B (curing accelerator) and apply using a coating sponge. Immediately wipe off with a cloth.
3. After completing the base layer, mix Top Coat A with B (curing accelerator) and apply in the same manner, then wipe off.
4. Ensure no residue remains and finish the application.

6. Precautions During Application

- Avoid direct sunlight and windy environments during application.
- Use promptly after mixing; do not leave the mixture unattended.
- Keep the surface dry for 8 hours after application.
- Temperature and humidity may affect curing speed; adjust accordingly.
- Avoid applying to wheels immediately after driving when temperatures are high.

7. Summary of Product Properties

- Product Type: 4-liquid, 2-layer curing-type ceramic coating
- Usage per Vehicle: Approx. 30 ml
- Durability: Approx. 8 years
- Core Functions: High adhesion, ultra hydrophobicity, anti-fouling, gloss enhancement, anti-static
- Application Method: Hand application (main agent + curing accelerator)
- Intended Use: Professional application
- Country of Origin: Japan

8. Remarks

- Mixed liquids should be used immediately as the reaction begins upon mixing.
- Unopened products can be stored stably for up to 1 year.
- Avoid high-pressure automatic car washes for 1 week after coating.



- This document provides technical reference information and does not guarantee 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.