



Technical Data Sheet (TDS)

Issued by:

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OEM PAINT WATER REPELLENT ENHANCER

Product Lineup

- OEM Paint Water Repellent Enhancer 50ml
- OEM Paint Water Repellent Enhancer 1L

1. Product Concept

A water-repellency booster developed to enhance hydrophobic performance, gloss, and durability of durable coatings (curing-type ceramic and glass coatings).

It is effective both as an immediate post-coating finisher and as a maintenance product for vehicles coated some time ago.

By optimizing the surface properties of existing coatings, it helps restore hydrophobic behavior and improve overall appearance.

2. Composition & Key Features



- Type: Wipe-off hydrophobic booster
- Compatibility: Curing-type ceramic/glass coatings and spray-type coatings
- Recommended Usage Amount: Approx. 15 ml per vehicle
- Application Method: Apply and wipe off immediately (hand application with sponge / polisher-capable)
- Finish: Strong beading and sheeting, enhanced gloss, improved clarity

Key Features

- Enhances the base coating's hydrophobic and anti-stain performance, improving durability of water repellency
- Suitable for use immediately after coating application as well as for refreshing aged coated surfaces
- Simple apply-and-wipe process; polisher-capable for reduced working time and streaking
- Compatible with matte finishes while maintaining the original surface texture

3. Performance & Characteristics

Hydrophobic & Durability Enhancement

Optimizes surface energy to deliver strong beading and excellent water runoff, helping reduce water spots and grime adhesion.

Gloss & Clarity Enhancement

Draws out the smoothness of the existing coating film, creating a deeper gloss and clearer appearance.

Workability

Can be applied by hand or with a polisher, providing stable and consistent results.

Compatibility

Usable over a wide range of curing-type and spray-type coatings; however, universal compatibility with all products cannot be guaranteed.



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. Pressure-rinse to remove dust and mud, then wash thoroughly with a neutral car shampoo.
2. Dry the surface to remove all remaining moisture.
3. Apply a small amount of enhancer and polish with a sponge or a polisher.
4. When gloss appears, wipe off with a clean microfiber towel to finish.

(For polisher use, work at low speed and light pressure.)

[Note] When used immediately after the base coating, start from Step 3 (apply → wipe off).

6. Precautions During Application

- Avoid direct sunlight and hot panels.
- Work panel by panel; do not cover overly large areas at once.
- Do not allow the product to dry; wipe off promptly after application.
- For matte finishes, special paints, repainted areas, and PPF or wraps, perform a spot test in an inconspicuous area before full application.

Maintenance Use

- Use as a post-wash finisher as needed.
- Suggested frequency: Every 1-3 months, or when hydrophobic behavior declines.
- Avoid simultaneous use with strong acidic or alkaline cleaners.

7. Summary of Product Properties



- Type: Hydrophobic booster (wipe-off type)
- Compatibility: Curing-type ceramic/glass coatings and spray-type coatings
- Usage per Vehicle: Approx. 15 ml
- Core Functions: Enhances water repellency and durability; improves gloss and clarity; supports anti-stain performance
- Application Method: Hand application (sponge) or polisher (low speed, light pressure)
- Country of Origin: Japan

8. Remarks

- Guidance is based on formulation intent and field usage; compatibility with all coatings cannot be guaranteed.
- Always perform a spot test in an inconspicuous area prior to full application.
- 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.