



Technical Data Sheet (TDS)

Issued by:

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OEM FABRIC WATER REPELLENT COATING

Product Lineup

- OEM Fabric Water Repellent Coating 400ml
- OEM Fabric Water Repellent Coating 4L
- OEM Fabric Water Repellent Coating 18L
- OEM Fabric Water Repellent Coating 20L

1. Product Concept

This product is a fabric-specific water repellent coating based on fluorine-type repellent components.

It coats each individual fiber to provide strong water and oil repellency while maintaining the original breathability and texture of the fabric.

It significantly reduces the penetration of water-based stains such as juice and coffee, as well as oil-based contamination.

Designed for professional use, it helps keep a wide range of textile products—automotive fabric seats, clothing, sofas, and outdoor gear—in a clean and attractive condition over the long term.



2. Composition & Key Features

- Type: Fluorine-based fabric water repellent coating
- Form: Liquid (spray-on type)
- Recommended Usage Amount: Approx. 267 ml per vehicle
- Applicable Materials: Automotive fabric seats, moquette, fabric interiors, clothing, outerwear, bags, shoes, sofas, cushions, carpets, outdoor gear, and more
- Finish: Transparent repellent layer that maintains fabric breathability and feel

Key Features

- Strong water and oil repellency that greatly suppresses the penetration of drinks and greasy stains
- Penetrates deep into the fibers and anchors firmly without impairing breathability
- Delivers high film formation and durability when dried with warm air
- PFOA-free formulation with consideration for environmental impact

3. Performance & Characteristics

Water Repellency

Liquids bead on the surface and are prevented from penetrating into the fabric.

Restoration of Water Repellency & Anti-Soiling Performance

Helps maintain long-term cleanliness by reducing stain adhesion.

Workability

Simple spray application followed by warm-air drying.

Compatibility

Performs best on tightly woven fabrics such as automotive seat textiles and apparel materials.

Safety

Designed to maintain fabric breathability and texture.



Cost Efficiency

Reduces cleaning frequency by suppressing stain build-up.

Non-Applicable Contaminants

Heavily absorbent materials may require multiple applications.

4. Recommended Application Areas

- Automotive fabric seats, backrests and fabric door trims
- Sofas, cushions, carpets and rugs
- Coats, jackets, rainwear, sports and outdoor apparel
- Sneakers, boots and bags with fabric or canvas surfaces

5. Application Method

1. Remove dust, sand and existing contamination thoroughly using a vacuum cleaner, brush or suitable cleaner, and ensure the fabric is dry.
2. Shake the bottle well, then spray the product evenly over the surface until it appears thoroughly saturated so that it can penetrate into the fibers.
3. If necessary, lightly smooth the surface with a soft cloth to help distribute the liquid. Avoid over-wiping, as this may remove too much product.
4. Use a hair dryer or other warm-air source to dry the fabric completely, ensuring that the interior of the material is fully dried.

6. Precautions During Application

- This product is formulated on the assumption that warm-air drying will be used. Natural air-drying alone may not form a sufficient repellent film.
- When treating large areas, divide the surface into smaller sections and repeat “spray → level → dry” for each section.



- Applying this product to towels, bath mats or other absorbent items will reduce their intended absorbency.
- On mouton or thick fur materials, texture changes may occur; always test on an inconspicuous area before full application.

7. Summary of Product Properties

- Fluorine-based fabric water and oil repellent coating
- Maintains fabric breathability and original texture
- Enhanced durability through warm-air drying

8. Remarks

- Repellent performance gradually decreases due to abrasion, washing and cleaning; reapply as needed.
- Slight color tone or texture changes may occur on dark-colored fabrics in rare cases.
- Application frequency and drying time should be adjusted depending on material and usage conditions.

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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.