



Technical Data Sheet (TDS)

Issued by:

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OEM AUTOMATIC CAR WASH WATER REPELLENT COATING

Product Lineup

- OEM Automatic Car Wash Water Repellent Coating 18L

1. Product Concept

This product is a professional-grade water repellent coating developed for integration into automatic car wash systems.

It forms a uniform protective layer on vehicle surfaces during the final stage of the wash process, providing strong water repellency, enhanced gloss, and a clear protective finish.

The formulation is optimized for spray stability and dispersion performance in automated equipment, achieving both operational efficiency and consistent finish quality.

2. Composition & Key Features



- Type: Water repellent coating for automatic car wash systems
- pH: Approx. 6.3
- Form: Liquid
- Recommended Dilution Ratio: Approx. 100-150× (adjust according to equipment conditions)
- Recommended Usage Amount: Approx. 1 ml per vehicle
- Applicable Materials: Automotive painted surfaces, exterior resin parts, metal components
- Finish: Strong water repellency, enhanced gloss, transparent protective film

Grade Configuration

- Not applicable (single grade)

Key Features

- Strong water repellency that suppresses water droplet adhesion after washing
- Transparent protective film that enhances gloss without affecting appearance
- High dispersion and spray stability optimized for automatic car wash systems
- Excellent water sheeting performance that reduces drying workload

3. Performance & Characteristics

Water Repellency

Provides strong water repellency and smooth water runoff.

Gloss

Delivers a clear and noticeable gloss immediately after washing.

Workability

Fully compatible with automated spray application in car wash systems.

Compatibility

Suitable for painted surfaces, resin parts, and metal components.

Safety

Stable formulation designed for continuous use in automated equipment.

Ease of Operation



Once equipment settings are configured, continuous operation is possible.

Cost Efficiency

Effective water repellency achieved with a very small usage volume.

Non-Applicable Contaminants

Solid deposits or contamination requiring mechanical removal.

4. Recommended Application Areas

- Automotive painted body panels
- Exterior resin parts
- Exterior metal components
- Water-repellent finishing stage in automatic car wash systems

5. Application Method

1. Set the product in the water repellent coating stage of the car wash system.
2. Adjust dilution and discharge volume according to machine recommendations (recommended 100–150× dilution during spraying).
3. Ensure the sprayer distributes the solution evenly across the entire vehicle.
4. Operate the car wash system to perform the application.

6. Precautions During Application

- Do not inhale mist or vapor generated during application.
- Avoid contact with eyes and skin; wear appropriate protective equipment as necessary.
- After use, seal the container tightly and store in a cool, dark place.



7. Summary of Product Properties

- Water repellent coating specifically designed for automatic car wash systems
- Provides strong water repellency and enhanced gloss simultaneously
- Highly stable formulation suitable for automated spray application

8. Remarks

- Always refer to the latest Safety Data Sheet (SDS) when handling this product.
- Avoid storage in direct sunlight, high-temperature, high-humidity, or freezing environments.
- Follow the discharge and dilution settings recommended by the car wash equipment manufacturer.

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Specifications and details are subject to change without prior notice.