Technical Data Sheet (TDS)

Issued by:
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OEM REACTIVE SILICA GLASS COATING
ADVANCED HARDNESS FORMULA (3-YEAR DURABILITY)

Product Lineup

- OEM Reactive Silica Glass Coating - Advanced Hardness Formula (3-Year Durability) 15ml
- OEM Reactive Silica Glass Coating - Advanced Hardness Formula (3-Year Durability) 30ml
- OEM Reactive Silica Glass Coating - Advanced Hardness Formula (3-Year Durability) 50ml
- OEM Reactive Silica Glass Coating - Advanced Hardness Formula (3-Year Durability) 80ml
- OEM Reactive Silica Glass Coating - Advanced Hardness Formula (3-Year Durability) 250ml
- OEM Reactive Silica Glass Coating - Advanced Hardness Formula (3-Year Durability) 500ml
- OEM Reactive Silica Glass Coating - Advanced Hardness Formula (3-Year Durability) 1L (500ml ×2)
- OEM Reactive Silica Glass Coating - Advanced Hardness Formula (3-Year Durability) 15L

1. Product Concept

A hand-applied, reactive-curing silica glass coating that builds a dense SiO_2 framework for long-term protection.
It delivers strong water repellency with excellent oleophobicity, solvent resistance, and anti-stain performance, helping suppress micro-marring and preserving appearance for approximately 3 years.

2. Composition & Key Features

- Type: Hand-applied reactive-curing silica glass coating
- Durability: Approx. 3 years
- Application Method: Wipe-on / wipe-off (apply and wipe immediately)
- Recommended Usage Amount: Approx. 30 ml per vehicle
- Finish: High-gloss, smooth film

Key Features

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

3. Performance & Characteristics

The reactive-cured silica network forms a dense, smooth layer that resists micro-marring and daily wash-induced damage.
The low-surface-energy film repels water and oils, reducing adhesion and enabling quick, easy cleaning while maintaining long-term gloss.
The coating also withstands exposure 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 for any residue or streaks.

6. Precautions During Application

- Avoid direct sunlight and hot panels.
- In warm/humid conditions, reduce the working area to prevent premature curing.
- Do not over-apply; excess 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 silica glass coating (hand-applied)
- Usage per Vehicle: Approx. 30 ml
- Durability: Approx. 3 years
- Surface Properties: Strong hydrophobicity / oleophobicity; smooth film
- Resistance: Solvent-resistant, weather-durable

- Gloss Level: High
- Country of Origin: Japan

8. Remarks

- Avoid water or condensation during initial curing.
- Actual durability varies with driving, storage, and washing frequency.
- This document provides technical information only and does not guarantee performance.

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