Technical Data Sheet (TDS)

Issued by:
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OEM REACTIVE SILICA HYBRID GLASS COATING ULTIMATE HARDNESS & HIGH DENSITY FORMULA (5-YEAR DURABILITY)

Product Lineup

- OEM Reactive Silica Hybrid Glass Coating - Ultimate Hardness & High Density Formula (5-Year Durability) 15ml
- OEM Reactive Silica Hybrid Glass Coating - Ultimate Hardness & High Density Formula (5-Year Durability) 30ml
- OEM Reactive Silica Hybrid Glass Coating - Ultimate Hardness & High Density Formula (5-Year Durability) 50ml
- OEM Reactive Silica Hybrid Glass Coating - Ultimate Hardness & High Density Formula (5-Year Durability) 80ml
- OEM Reactive Silica Hybrid Glass Coating - Ultimate Hardness & High Density Formula (5-Year Durability) 250ml
- OEM Reactive Silica Hybrid Glass Coating - Ultimate Hardness & High Density Formula (5-

Year Durability) 500ml

- OEM Reactive Silica Hybrid Glass Coating - Ultimate Hardness & High Density Formula (5-Year Durability) 1L (500ml ×2)

1. Product Concept

This product is a hand-applied, reactive-curing silica-hybrid glass coating that forms a dense SiO_2 framework compounded with organic components.
It provides strong hydrophobic and oleophobic performance, excellent solvent resistance, and anti-stain properties, preserving gloss and surface protection for approximately 5 years.

2. Composition & Key Features

- Type: Hand-applied reactive-curing silica-hybrid glass coating
- Durability: Approx. 5 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 oleophobic and anti-stain 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-hybrid network forms a dense, smooth surface layer that resists micro-marring and wear caused by daily washing and use.
Its low-surface-energy properties repel water, oils, and contaminants, significantly improving

cleanability and maintaining long-term gloss.
The coating also provides excellent resistance 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 or humid conditions, reduce the working area to prevent premature curing.
- Do not over-apply; excess product 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-hybrid glass coating (hand-applied)
- Usage per Vehicle: Approx. 30 ml
- Durability: Approx. 5 years
- Surface Properties: Strong hydrophobicity / oleophobicity; smooth, high-density 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 depending on driving conditions, storage environment, and washing frequency.
- This document provides technical reference information only and does not guarantee performance.

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