



Technical Data Sheet (TDS)

Issued by:

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OEM REACTIVE SILOXANE GLASS COATING – PREMIUM HARDNESS FORMULA FOR UNPAINTED PLASTIC MOLDING

Product Lineup

- OEM Reactive Siloxane Glass Coating - Premium Hardness Formula for Unpainted Plastic Molding 15ml
- OEM Reactive Siloxane Glass Coating - Premium Hardness Formula for Unpainted Plastic Molding 30ml
- OEM Reactive Siloxane Glass Coating - Premium Hardness Formula for Unpainted Plastic Molding 50ml
- OEM Reactive Siloxane Glass Coating - Premium Hardness Formula for Unpainted Plastic Molding 80ml
- OEM Reactive Siloxane Glass Coating - Premium Hardness Formula for Unpainted Plastic Molding 250ml
- OEM Reactive Siloxane Glass Coating - Premium Hardness Formula for Unpainted Plastic Molding 500ml
- OEM Reactive Siloxane Glass Coating - Premium Hardness Formula for Unpainted Plastic



Molding 1L (500ml × 2)

- OEM Reactive Siloxane Glass Coating - Premium Hardness Formula for Unpainted Plastic Molding 4L
- OEM Reactive Siloxane Glass Coating - Premium Hardness Formula for Unpainted Plastic Molding 15L

1. Product Concept

This product is a reactive siloxane-based high-hardness glass coating formulated specifically for unpainted plastic moldings.

It restores the original color and gloss of faded plastic trim while providing hydrophobic, anti-soiling, and weather-resistant protection lasting approximately 6–12 months.

It shields vulnerable plastic components from UV exposure, acid rain, and contamination to maintain a refined exterior appearance.

2. Composition & Key Features

- Type: Reactive siloxane-based high-hardness glass coating (for unpainted plastic moldings)
- Form: Liquid
- Recommended Usage Amount: Approx. 8 ml per vehicle
- Applicable Materials: Unpainted plastic moldings, bumpers, mirror covers, door handles, and textured resin components
- Finish: Restored dark tone and natural gloss with hydrophobic and weather-resistant performance

Key Features

- Revives faded and chalked unpainted plastics
- Forms a durable hard glass coating with long-lasting protection
- Protects against UV rays, acid rain, and environmental degradation
- Easy application with thin coating and immediate wipe-off



3. Performance & Characteristics

Water Repellency

After curing, the coating lowers surface energy, maintaining a stable water-repellent state that prevents water from lingering.

Restoration of Water Repellency & Anti-Soiling Performance

The coating suppresses adhesion of dirt and grime on plastic surfaces, improving cleanability during washing.

Gloss

Provides a refined dark tone and natural gloss without creating excessive shine or artificial appearance.

Workability

Thin application followed by immediate wipe-off enables short working time and consistent results.

Compatibility

Exhibits strong adhesion to unpainted rigid plastic materials.

Safety

Designed to avoid oxidation and deterioration commonly caused by petroleum-based dressings.

4. Recommended Application Areas

- Unpainted bumpers
- Unpainted side moldings and fender moldings
- Unpainted mirror covers and door handles

5. Application Method

1. Rinse off dust, sand, and mud thoroughly, then wash with an appropriate cleaner.



2. Dry completely to ensure no moisture remains on the surface.
3. Apply a small amount to a coating sponge and spread an extremely thin, even layer.
4. Before curing begins, wipe off completely with a clean microfiber cloth and check for residue.

6. Precautions During Application

- For unpainted textured plastic only. Do not use on transparent parts or soft materials.
- Thick application may cause cracking or streaking; always apply thinly.
- Do not apply over remaining stains or water spots as they may become permanently sealed.
- Avoid high temperatures, direct sunlight, and exposure to water for 6 hours after application.

7. Summary of Product Properties

- Reactive siloxane-based glass coating for unpainted plastic
- Recommended usage: Approx. 8 ml per vehicle
- Durability: Approx. 6-12 months
- Core functions: Color and gloss restoration, water repellency, anti-soiling, UV and weather protection
- Application difficulty: Intermediate
- Country of Origin: Japan

8. Remarks

- Some vehicle models may show unevenness due to resin composition; always test first.
- The coating becomes extremely difficult to remove after curing; avoid over-application or missed wipe-off.
- Do not store after opening; discard any remaining liquid.
- Keep out of reach of children.



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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.