



Technical Data Sheet (TDS)

Issued by:

NYS Inc.

4-3-12-508 Tsukiji, Chuo-ku, Tokyo 104-0045, Japan

TEL: +81-70-9002-4439

Email: info@nys-chemicals.jp

OEM HEADLIGHT POLISH COMPOUND (A ROUGH / B FINE)

Product Lineup

A Rough (A-Liquid)

- OEM Headlight Polish Compound A Rough 80ml
- OEM Headlight Polish Compound A Rough 4L
- OEM Headlight Polish Compound A Rough 18L

B Fine (B-Liquid)

- OEM Headlight Polish Compound B Fine 50ml
- OEM Headlight Polish Compound B Fine 4L
- OEM Headlight Polish Compound B Fine 18L

1. Product Concept

This product is a two-stage polishing compound developed specifically for transparent plastic components such as headlights and tail lamps.



It removes haze, yellowing, and light surface scratches caused by UV exposure and aging, restoring clarity and gloss in a controlled, step-by-step process.

By combining A Rough (A-Liquid) for initial correction and B Fine (B-Liquid) for final finishing, stable restoration can be achieved without placing excessive stress on plastic materials.

2. Composition & Key Features

- Type: Plastic polishing compound (2-step system)
- Form: Liquid abrasive
- Recommended Usage Amount: Approx. 8 ml per vehicle
- Applicable Materials: Polycarbonate, acrylic, and other transparent plastics
- Finish: High clarity and gloss

Grade Configuration

- A Rough (A-Liquid): Initial polishing for removing oxidation, haze, and light surface degradation
- B Fine (B-Liquid): Ultra-fine finishing polish for final clarity and gloss enhancement

Key Features

- Abrasive design optimized exclusively for plastic materials
- Two-step process ensures stable and consistent restoration quality
- Non-silicone formulation allows accurate visual inspection during polishing
- Compatible with both hand and machine polishing

3. Performance & Characteristics

Polishing Performance

A-Liquid removes the deteriorated surface layer, while B-Liquid refines polishing marks and restores transparency step by step.

Safety

Specialized abrasive design for plastics minimizes excessive cutting compared to paint



compounds.

Workability

Low-dust formulation with excellent wipe-off performance allows continuous visual confirmation of the finish.

4. Recommended Application Areas

- Headlight lenses
- Tail lamps
- Door visors
- Motorcycle windshields
- Other transparent plastic components

5. Application Method

1. Wash and dry the surface completely.
2. Apply A-Liquid (A Rough) to a sponge and polish evenly in cross motions.
3. After oxidation and haze are removed, apply B-Liquid (B Fine) with a clean sponge for the final gloss.
4. Wash off any residue with car shampoo and wipe dry with a microfiber towel.
5. Repeat for inner surfaces if necessary.

(Do not use on textured or unpainted plastic surfaces.)

6. Precautions During Application

- Avoid use under direct sunlight or on hot surfaces.
- Do not use on painted or metal surfaces.
- Ensure all abrasive residue is thoroughly washed off after polishing.
- Reseal containers tightly and store away from direct sunlight.



7. Summary of Product Properties

- Product Type: Plastic restoration polishing compound
- System: A Rough (initial) / B Fine (finishing)
- Form: Liquid abrasive
- Usage per Vehicle: Approx. 8 ml
- Target Defects: Haze, yellowing, light scratches
- Material Compatibility: High (transparent plastics only)
- Application Difficulty: Low to medium
- Country of Origin: Japan

8. Remarks

- Designed exclusively for transparent plastic restoration.
- Not suitable for painted or metal surfaces.
- Severely degraded plastic may not be fully restorable.
- This document is based on internal testing and practical data; performance is not guaranteed.

Issued by:

NYS Inc.

4-3-12-508 Tsukiji, Chuo-ku, Tokyo 104-0045, Japan

TEL: +81-70-9002-4439

Email: info@nys-chemicals.jp

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.