



TECHNICAL DATASHEET

OPTIMAL CUT

(STEP ONE)

ART. NO: #120.101.05 (0.5L), #120.101.1 (1L), 120.101.2 (1G)

OPTIMAL CUT is a specially formulated cutting compound with an extended running time, permitting the operator to achieve enhanced cutting action without drying out. Delivers a unique final depth and high gloss finish while permanently removing scratches.

FEATURES

- ✓ High gloss finish
- ✓ Enhanced cutting performance
- ✓ Extended running time
- ✓ Removes scratches rather than hiding them with cosmetic oil
- ✓ Compatible with most surfaces
- ✓ Ammonia and silicone free
- ✓ Paintable
- ✓ Non-flammable

APPLICATION

General purpose compound ideal for use on all automotive paint systems including water based, HS high solid, MS, infrared and accelerator cured paints, single component and 2-pack, acrylic, cellulose, synthetic and OEM finishes including Nano Ceramic Clear Coats.

RECOMMENDED BUFFING PAD

Use with either our orange foam pad or our blue wool pad (when increased scratch removal is required).

CONDITIONS OF USE AND CONFORMITY

The before mentioned technical data and information, especially the recommendations for applying and using our products, are based on our current knowledge and experience when applied under normal conditions. In practice, the materials, surfaces or site conditions are so different that no warranty regarding the working results or liability, arising out of any relationship, can be inferred neither from this information nor from a verbal consultation, except we are charged with intent or gross negligence. In this case the user is obliged to prove that he has informed us about all points required for a proper and promising judgment in writing, in time and completely. Patent rights of any third party are to be observed. Furthermore, our general sales and delivery Terms and Conditions and the latest Technical Data Sheet, which should be demanded, apply.

HEALTH & SAFETY

See Safety Data Sheet and labels for additional safety information and handling instructions. Directions for handling and waste disposal are in our Material Safety Data Sheet and the specifications of the Employers Liability Insurance Association for the chemical industry. Wear appropriate PPE such as eye and skin protection. In the event of injury, see first aid procedures on SDS. Always observe all applicable precautions and follow good safety and hygiene practices.

VOC INFORMATION

Category	Automotive Rubbing Compound	
	g/L	By Weight
VOC	172.0	14.72%

PRODUCT DATA

Nature: Inert inorganic abrasives, emulsifiers and thickeners

Color: Beige

pH: 8.9

F.P.: > 65°C

Solubility: Miscible in water

Shelf Life: 2 years in ambient temperature

Package: 0.5L / 1L / 1G

Number per case: 12 (0.5L) / 6 (1L) / 4 (1G)

Safety Data Sheet (SDS) is available on our website



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CAUTION

DO NOT OVER APPLY OR USE AN EXCESSIVE AMOUNT OF COMPOUND. ON SOFT OR SENSITIVE PAINT, OR WHERE HEAT BUILD-UP MAY BE A PROBLEM, THE ADDITION OF WATER MIST IS ADVISED IN ORDER TO AVOID ANY FRICTION BURN. THIS IS PARTICULARLY IMPORTANT WHEN NEW PADS MAY ASSIST IN THE POLISHING PROCESS. AVOID UNNECESSARY/EXCESSIVE AMOUNTS OF WATER. ONCE A NEW PAD IS ACTIVATED WITH WATER, NO ADDITIONAL WATER NEEDS TO BE ADDED ONCE THE PAD HAS BEEN SATURATED WITH THE PRODUCT. PROTECT PRODUCT FROM FROST.

HANDLING



PREPARATION

1. Clean surface so that it is free from any dirt or dust.
2. Vehicle must be completely dry before application.



APPLICATION

1. For optimal results, use with our ORANGE FOAM PAD or BLUE WOOL PAD. If using a new polishing pad, mist with OPTIMAL SHINE or water before use in order to reduce heat build-up and increase the working time of the product.
2. Apply OPTIMAL CUT in small quantities to the painted surface or directly on the buffing pad. Use a minimal amount of product so that you are only working the desired area.
3. Work the surface applying medium pressure until the scratches and imperfections are removed. While the polishing speed depends on the comfort of the operator, it is recommended to use a speed between 1000 - 2000 RPM.
4. Reduce pressure as the pad starts to move freely in order to allow the polishing action to take place.
5. After compounding, remove any residue and buff the surface with a clean, soft cloth.
6. Clean buffing pad with lukewarm water and wring out after use in order to extend service life.

N.B. If additional gloss is required, follow with OPTIMAL POLISH or alternatively, OPTIMAL SWIRL REMOVER.