Technical Data Sheet

Properties:

Low-solvent 2-component clearcoat with high stability based on acrylate hardened with isocyanate.

The product is characterized by the following properties:
- complies with VOC guidelines 2004/42/EG[2004/42/2B(d)(420)]
- easy to use
- very high solid content
- high stability
- excellent resistance to weathering
- very good resistance to yellowing
- excellent flow properties
- can be easily polished once cured
- high gloss level

Application Area:

A HS clear coat for apply on all degreased and sanded old paintworks, two-pack paints, base coats and polyester laminates for use on
- spot repair
- partial painting
- complete repainting

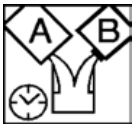
Instructions for Use:

1. Existing finishes must be cleaned, degreased and flat with P1200 – P1500.
2. Pre- and post cleaning with anti-silicone degreaser.

3. Mixing ratio
   In volume

100 parts	Mirror Gloss
50 parts	Hardener
5 - 20 %	Thinner

4. Mix thoroughly in a suitable mixing cup.



5. Pot life normal hardener: 60 minutes at 20°C and 65% RH
   Pot life fast hardener: 20 minutes at 20°C and 65% RH

6. Gun setups & air pressure

	Nozzle size:	Spray pressure:
Compliant	1.2 - 1.3 mm	1.8 - 2.2 bar (spray pressure)*
HVLP	1.3 - 1.4 mm	0.7 bar (atomising pressure)*

*Refer to the manufacturer's directions for gun specific recommendations.

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7. 2 layers
   Apply a medium-wet coat followed by a full-wet coat without evaporation time
   or
   a medium-wet coat, followed by a full-wet coat, wait 5 to 10 minutes between each coat.

8. Flash before booth or force dry 10 minutes (depending on the heating cabine).

9. Drying times

Normal hardener:	15 - 20 minutes at 60°C object temperature
Fast hardener:	10 minutes at 60°C object temperature 90 minutes at 20°C
Fast hardener and max. 5% Thinner	10 minutes at 60°C object temperature
IR drying Short wave	Flash-off 10 minutes Drying 15 minutes

Special Notes:

- For professional use only.
- Mirror Gloss is a HS-Clearcoat and best results are achieved if the clear coat is brought to the spraying temperature before application (20 - 25°C). The practical material consumption depends on several factors, e.g. shape of the object, structure of the surface, application method, pressure and application circumstances.
- For proper waste disposal, the container must be completely emptied.
- Recycling in accordance with the guidelines of EU Decision 97/129 EC on the Packaging Directive 94/62/EC.

Technical Data:

Chemical base comp. A:	acrylic resin with hydroxyl groups
Chemical base comp. B:	polyisocyanate
Solid content:	approx. 59% (of the mixture)
Solid volume:	approx. 51% (of the mixture)
Density:	approx. 1.0 g/ml (of the mixture)
Recommended dry film thickness:	40 - 60 µm
Theoretical coverage:	approx. 8.7 m² per litre
Delivery viscosity at 20°C:	mixture approx. 20 s/4mm (DIN 53211) clearcoat approx. 35 s/4mm (DIN 53211) hardener approx. 12 s/4mm (DIN 53211)
VOC:	≤ 420 g/l

Storage:

If stored in dry and cool condition (5-25°C/41-77°F) in its closed original container at least 12 months from production (clear coat and hardener).

Health & Safety:

Read Safety Data Sheet before handling or using this product.

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Important Notice:

The above information is based on the latest stage of development and application technology. Due to a multiplicity of different influencing factors, this information – as well as other oral or written technical advises – must be considered as non-binding hints. The user is obliged in each particular case to conduct performance tests, including but not limited to trails of the product, in an inconspicuous area or fabrication of a sample piece.

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