



## PU NEO

### 1 PRODUCT DESCRIPTION

Innovative waterbased 2 part polyurethane sealer on the basis of carbodiimide crosslinking for the longterm protection of floors.

- Low emissions, because it is free of solvents.
- No labelling obligation, because it is without isocyanates
- Hard-wearing sealer film, excellent elasticity and good resistance against colorless chemicals.
- Runs smoothly and adheres superbly.
  
- Reduces dirt adhesion and the time needed for care.
- Easy and safe to apply.
- High solids content.
- No intrinsic yellowing.
- Slip resistance class R9

Gloss grades (60°): satin (15-20), mat (7-10)\*

### 2 SUITABLE FOR

- Floor coverings made of PVC, rubber or linoleum with smooth or slightly structured and pebbled surfaces.
- Epoxy and PU cast floorings

Suitability for safety floorings, more deeply structured surfaces and studded floors must be clarified in the specific building before use \*\*\*.

Please pay attention to our specific recommendations for constructing floors in buildings under [www.dr-schutz.com](http://www.dr-schutz.com).

### 3 APPLICATION

Shake up **Dr. Schutz PU NEO** thoroughly before adding hardener. Add **Crosslinker NEO** to the lacquer in a ratio of 10:1 and immediately mix together thoroughly and evenly. Allow the mixture to settle for 10 minutes, then stir again and use it. Do not mix more than can be used within 12 hours (at 20°C). Apply PU NEO evenly with the Dr. Schutz Aquatop roller onto the appropriately prepared subsurface at a minimum 15°C (please pay attention to our Technical Information 002 „Preparation\_of\_resilient\_floorings“).

Please note:

- The subsurface must be professionally prepared and in a rough, clean, dry condition free of oil, wax and dust.\*\*
- The temperature of the floor and material must not fall below +15°C during application and drying time.
- The technical rules are to be observed.

### 4 COVERAGE

In the two coating system per coating approx. 50 ml/m<sup>2</sup> (20 m<sup>2</sup>/l).

In the single coating system approx. 100 ml/m<sup>2</sup> (10 m<sup>2</sup>/l)

On primed wood or cork 2 coatings with approx. 80-100 ml/m<sup>2</sup> (10-12m<sup>2</sup>/l) per coating.

In the case of a highly absorbent subsurface increased consumption is possible, depending on its absorbency.



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### 5 CURING

Can be walked on carefully, or worked on again in the two-coating system after about 2 hours, but in the latter case no longer than 12 hours. If the interim drying time is longer, then the entire area must first be sanded to roughen the surface. Can be used carefully 12 hours after the last sealing coat has dried. After 24 hours it has reached approx. 80% of its durability. After 7 days the product is fully durable and resistant against chemicals. \*

Low temperatures, high humidity and poor ventilation can extend the drying time. Refrain from laying down carpets in the first 10-14 days. Furniture can be carefully placed. The area must not be wet mopped in the first three days. Gliders/Protectors should be installed and maintained under all movable chairs, tables, fixtures and other furniture to protect the coating from abuse and unnecessary scratching. We recommend Dr. Schutz Scratchnomore protectors.

### 6 MAINTENANCE

After complete cure clean with **Dr. Schutz PU Cleaner / Schutz Cleaner**.

When your floor begins to show signs of wear it may be time for a new sealer coat.

In case conventional care is requested, we recommend **Dr. Schutz Floor Mat** (for satin and mat) or **Dr. Schutz Floor Shine**, depending on the gloss grade of the finish

Please pay attention to our care instructions specific to floorings and buildings under [www.dr-schutz.com](http://www.dr-schutz.com).

### 7 STORAGE

Minimum 12 months when stored in original packaging at 70 F (20 °C). Protect from freezing. Keep coating materials out of the reach of children.

When stored in varying temperatures and/or in an opened canister, dried parts can form. If so, sieve these out before using.

### 8 TECHNICAL DATA

Contains substances: water, polyacrylate, polyurethane, silicic acids, waxes, additives, carbodiimide. Contains 1,2-benzisothiazol-3(2H)-on. May produce an allergic reaction.

voc (g/l) <1 in mixture (ISO11890) / GISCODE: W1 / 2004/42/IIA(j)(140)140.

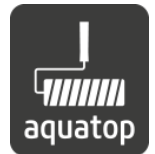
ADR/RID: not a dangerous good as defined by transport regulations (lacquer and crosslinker).

CLP/GHS (lacquer and crosslinker): no obligation to be labelled.

Completely emptied canisters can be disposed of in domestic waste, or taken to a recycling centre.

### 9 SPECIAL NOTES

- When mixed together, 2part-products can develop carbon dioxide and build up pressure. Never close 2part-mixtures tightly in a container, danger of bursting!
- Clean the working tools and implements with water. The hardened remains of lacquer can only be re-



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moved mechanically. We recommend always using new, dry Aquatop Rollers.

- Please pay attention to the printed batch number. Only use products with the same batch number in one layer. In the case of a different batch, mix this in a separate container before using.
- Coloured products (e.g. hair dyes, coloured disinfectants for wounds) as well as plasticizer migration (e.g. from rubber) can lead to the irreversible discoloration of the sealing coat. If resistance to hand and instrument disinfectants is required in specific buildings, we recommend pre-testing the respective chemicals on site. (\*\*\*)
- (\*) Given values are valid under lab conditions 23°C, 50% relative air humidity, ventilation. Object conditions can vary and therefore results may vary, too.
- (\*\*) Please pay attention to our Technical Information 002 „Preparation of subsurfaces“
- (\*\*\*) In case of questions, please consult our advice on technical applications

### 10 CROSS-REFERENCE

Our following publications in their updated form are valid as an integral part of this fact sheet:

- General notes on the application of Dr. Schutz finishes
- Safety data sheet available on request.

The quoted printed matter, as well as this product information in its updated form, is available on our homepage [www.dr-schutz.com](http://www.dr-schutz.com) or on request from the address quoted below.

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The above advice for technical application is given to the best of our knowledge and according to the latest state of technology. Therefore, if our products are used carefully heeding the advice given on their application, as well as following our suggested procedures with the materials intended for use with these products, no damage shall occur. However, our products are used outside and beyond our possible control, and are therefore subject to your own responsibility, which does not release you from the obligation to check for yourself whether our supplied products are suitable for your intended purpose and procedure. Therefore our notes and advice are not legally binding and cannot be used against us as grounds for liability - which includes the rights and protection of any third party. The relevant recommendations, guidelines and standard norms are to be observed, as well as the recognized technical rules. On publication, this product information replaces and supersedes the validity of any previous versions.