

TECHNICAL INFORMATION ClayPeel

SURFACE STAEDTLER Industrial Styling Clay

ClayPeel BLUE Article-No. 8434-3, ClayPeel SILVER Article-No. 8434-81

ClayPeel blue/silver is a grounding for temporary lacquering of clay models. This lacquer creates a flexible and peelable film on styling clay. After the lacquer has dried, the film can be peeled off without damaging the clay surface of the model.

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|----------------------|--|
| Ingredients: | waterbased solvent-free synthetic resin |
| Color: | blue and silver |
| Temperature range: | max. 30°C/86°F in liquid condition |
| Storage temperature: | 5°C/41°F - 30°C/86°F, avoid temp. below 0°C/32°F |
| Shelf life: | 2 years unopened |

| | |
|-------------|---|
| Toxicology: | ClayPeel is toxicologically harmless, certified by ACMI, USA. |
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|--------------|---|
| Drying time: | depends on film thickness and number of layers |
| Thinner: | thin with water |
| Clean-up: | remove wet ClayPeel with water. Fully dried ClayPeel can be either peeled off or removed using water and a sponge. Scrub hands with soap and water. |

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|-----------|---|
| Coverage: | approx. 2 m ² per 750 ml (package) with 2 layers |
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| Sales info: | 1 pc = 750 ml; 12 pcs in carton; 360 pcs on pallet |
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Please note the lacquering recommendations on page 2 or under [www.industrial-products.com/ lacquering recommendations](http://www.industrial-products.com/lacquering-recommendations).

LACQUERING RECOMMENDATIONS ClayPeel

SURFACE STAEDTLER Industrial Styling Clay

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PRETREATMENT / CLEANING:

Clean, dry, dust-free, silicon-free
(NB: Silicone removers may damage surface of the clay)
Wipe over the surface to be lacquered with a tack cloth



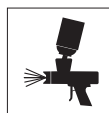
Clean

STEP 1: ClayPeel

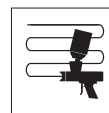
ClayPeel blue 8483-3 or ClayPeel silver 8483-81

Spray gun: SATA JET 3000
Nozzle: 2.0 mm
Pressure: 2.0 - 2.5 bar

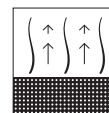
1. Apply semi-dry mist cross-coat
2. Allow to air dry until surface is matt in appearance (max. 45 min)
3. Apply a generous full cross-coat
4. Drying time 100% 3 - 4 hours



Flow-up
gun



Flow-up
spraying



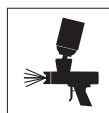
Air dry

STEP 2: Clear varnish

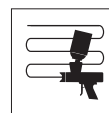
Standex K 9530 VOC Express Clear Article-No. 4024669 84 143 5

Spray gun: SATA JET 3000
Nozzle: 1.2 - 1.4 mm
Pressure: 2.0 - 2.5 bar

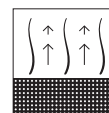
1. Apply generous, even and overlapping cross-coat
2. Allow to air dry until the surface is slightly tacky to the touch
3. Apply generous, even and overlapping second cross-coat
4. Allow to dry at 18-22°C for 8 - 10 hours



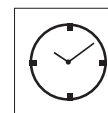
Flow-up
gun



Flow-up
spraying



Air dry



Drying time

STEP 3: Sand clear varnish

3M superfine sanding sponges or 600-1000 grain by hand

1. All areas to be varnished must be sanded thoroughly
2. Clean surface with silicone remover and cloth



Sand by hand,
dry



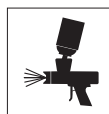
Clean

STEP 4: Coloured lacquer (base coat)

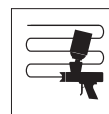
Standohyd water-based lacquer

Spray gun: SATA JET 3000
Nozzle: 1.2 - 1.3 mm
Pressure: 2.0 - 2.5 bar

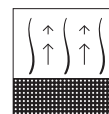
1. Apply semi-dry mist cross-coat
2. Allow to air dry until surface is matt in appearance
3. Apply a generous full cross-coat
4. Allow to dry for 30 - 40 minutes



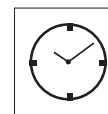
Flow-up
gun



Flow-up
spraying



Air dry



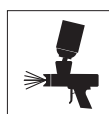
Drying time

STEP 5: Clear varnish

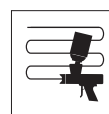
Standex K 9530 VOC Express Clear Article-No. 4024669 84 143 5

Spray gun: SATA JET 3000
Nozzle: 1.3 - 2.0 mm
Pressure: 2.0 - 2.5 bar

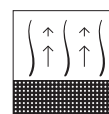
1. Apply generous, even and overlapping cross-coat
2. Allow to air dry until surface is slightly tacky to the touch
3. Apply generous, even and overlapping second cross-coat
4. Allow to dry at 18-22°C for 8 - 10 hours



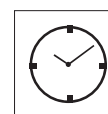
Flow-up
gun



Flow-up
spraying



Air dry



Drying time