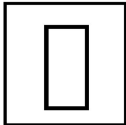


# Autoprep<sup>®</sup> Chrome Free Pen

FOR PROFESSIONAL USE ONLY

## Description

The Autoprep Chrome Free Pen allows the technician a convenient way to easily apply a Chrome free metal-prep coating that primes aluminum, bare steel and galvanized surfaces. Offering superior corrosion resistance and excellent adhesion for the paint system subsequently applied. This process is achieved by simply applying the solution by means of the Autoprep Chrome Free Pen, an application technique similar to that of a felt-tip marker. This system is used to duplicate automotive manufacture corrosion resistance.



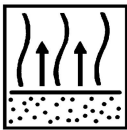
Ready For Use



To activate, press tip against firm surface. When felt tip is wet, pen unit is now ready for use.



1-2x1  
Apply in smooth even strokes with 50% overlap



5 minutes at 70°F (20°C)  
3 minutes at 80°F (27°C)



15-20 minutes at 70°F (20°C)  
10-15 minutes at 80°F (27°C)



Apply Sikkens Primer Surfacer or Primer Sealer.



### Use suitable respiratory protection

Contains water-soluble compounds and Fluoride Compounds. Protect from splashing, vapors and from skin contact.

Read complete TDS for detailed product information



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## Product and additives

Autoprep Chrome Free Pen

## Basic raw materials

PTD – 1355 – FL, (Fluoride Compound &lt;1%)

## Suitable substrates

- Steel, after degreasing and sanding with #P80 then #P120 grit paper dry or scuff with a red scuffing pad.
- Galvanized steel, after degreasing and sanding with #P120 to #P180 grit dry or scuff with a red scuffing pad.
- Aluminum, after degreasing, scuff with a red scuffing pad or sand with #P120 to #P180 grit dry.

### Note:

- Because of the size of the application tool, limit treatment to small areas.
- For the best performance of this metal treatment, make sure the bare metal is as clean as possible. Using Sikkens M600 Surface Cleaner or Sikkens Autoclean Surface Cleaner.
- To avoid finger marks, wear latex gloves. This not only protects your skin, but also prevents perspiration and finger oil from contaminating the bare metal during the preparation and cleaning process.

## To activate etching pen

To activate remove the cap, hold the applicator tip down and press the felt tip against a firm surface. This will open the valve allowing the solution to reach and wet the applicator tip. When the felt tip is wet, release pressure. The Autoprep Chrome Free Pen is now ready to use.

## After use

Simply replace the cap. This will prevent the felt tip from drying out.

**Note:** To recharge the etching pen, follow the procedure “to activate etching pen”

## Pot life

None

## Recommended conditions of application

Minimum temperature: 60°F (15°C). A pre-warmed surface will result in a smoother coating.



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## Application method

With light pressure, apply one smooth coat using even strokes with approximately 50% overlap of the strokes. To create the best corrosion resistance and adhesion, let this first coat dry for 3 to 5 minutes at 70°F (20°C). Then apply a second coat at right angles to the first, (a cross coat).

**Note:** Do not over-apply, as this will cause puddling, slowing down the process. If puddling occurs, simply wipe the area with a clean towel, allow to dry and then continue with the last coat.

## Drying time



	at 70°F (20°C)	at 80°F (27°C)
Recoat	15-20 minutes	10-15 minutes

**Note:** The drying may be speeded by directing low velocity air movement to the coating. Ideally this air should be heated up to 140°F (60°C). Such as that provided with a heat gun. In this case the dry time is between 3 to 5 minutes

## Sanding

Do not sand the Autoprep coating.

If it is necessary to sand this coating after the stated dry times, sand with #P180 grit paper dry. Clean thoroughly, and repeat the application with the Autoprep Chrome Free Pen

## Recoatable with

The Autoprep coating can be recoated (non-sanding) after 15 minutes but within 8 hours at 70°F (20°C) with any Sikkens primer surfacer or primer sealer.

**Note:** Never apply a polyester based product directly over areas treated with the Autoprep Chrome Free Pen

## Cover rate

Approximately 100 sq.ft per single coat. 50 sq.ft per cross coat application.

## Stock keeping

<b>Color:</b>	Transparent, yellow-green
<b>Container size:</b>	Autoprep Chrome Free Pen: 1.3 fl/oz. / 40 Milliliters
<b>Shelf life:</b>	2 years, if stored at room temperature. Protect from freezing.

## Safety aspects

**VOC Content:** Autoprep Chrome Free Pen/Solution: 0 lb/gal 0 g/liter

**Disposal:** Re-package empty pens and use the pre-printed return label provided inside each shipping carton to ship used pen containers back for proper disposal.

**Note:** Empty pen containers should only be shipped to address on pre-printed label.



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**Notice:** Do not handle until the Material Safety Data Sheets have been read and understood. Regulations require that all employees be trained on Material Safety Data Sheets for all chemicals with which they come in contact. The manufacturer recommends the use of an organic vapor respirator or air supplied respirator when exposed to vapors or spray mist. Use caution. DO NOT tamper with packaging. DO NOT try to refill.

**Akzo Nobel Car Refinishes Inc. North America****Address: 5555 Spalding Drive, Norcross. GA 30092 USA****Tel: 770-662-8464****FOR PROFESSIONAL USE ONLY**

**IMPORTANT NOTE** The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advices given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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