

# Technical Information

## 40-440



### 2K VOC Clear

HS VOC clear for basecoat

- High solids content, safe to spray, excellent flow and levelling, fast drying, excellent surface hardness, polishing behaviour and tape resistance.
- Select hardener according to ambient temperature and size of object to be painted. Choose right hardener from temperature chart.

## Application

|  |   |   |  |
|--|---|---|--|
|  | <b>Mixing Ratio</b>                     | 100 % by volume   | 40-440   |
|  | <b>2:1</b>                              | 50 % by volume  | 50-415, -420, -430<br>50-430: only very hot conditions |
|  | <b>Spray viscosity at 20°C</b>          | DIN 4: 20-22 s  |  |
|  | <b>Potlife at 20°C</b>                  | 2 h   |  |
|  | <b>HVLP spray gun</b>                   |   |  |
|  | Nozzle size                             | 1.3 mm  |  |
|  | Application pressure                    | 2 bar   |  |
|  | Nozzle pressure                         | 0.7 bar   |  |
|  | <b>Compliant gravity-feed spray gun</b> |   |  |
|  | Nozzle Size                             | 1.3-1.4 mm  |  |
|  | <b>Number of spray coats</b>            | 2   |  |
|  | <b>Film thickness</b>                   | 40-60 µm  |  |
|  | <b>Flash off at 20°C</b>                | 3 min between spray coats   |  |
|  | <b>Application Remark</b>               | ½ + 1, half coat followed by full coat without intermediate flash-off |  |

### Safety advice:

**2004/42/IIIB(d)(420)419:** The EU limit value for this product ( product category: IIB.d) in ready to use form is max 420 g/l of VOC. The VOC content of this product is 419 g/l.

The products are suitable for professional use only.

It cannot be ruled out that this product contains particles < 0.1 µm.

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our products, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the products for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein are for general information purpose only; they may change without prior information and do not constitute the agreed contractual quality of the products (product specification). It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

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### Drying

|  |                               |        |           |        |
|--|-------------------------------|--------|-----------|--------|
|  |                               | 50-415 | 50-420    | 50-430 |
|  | <b>Drying at 20°C</b>         | 10 h   | 16 h      | 16 h   |
|  | <b>Drying at 60°C</b>         | 30 min | 40 min    | 40 min |
|  | <b>Infrared (short wave)</b>  |        | 8 min     |        |
|  | <b>Infrared (medium wave)</b> |        | 10-15 min |        |

Please note: For automotive refinish, repair instructions of vehicle manufacturers, in particular regarding installed sensor technology, must always be observed in addition to the processing instructions given within this document.



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