

# Solder resist

## Elpemer® AS 2467 SM-DG

- Adjustment FP 215-1029
- application by air spraying
- photoimageable / for direct imaging
- aqueous-alkaline developable
- dark-green
- UL-approval: best flame class V-0 acc. to UL 94, UL File No. E80315



Please read this technical report and the publications listed below carefully before using the product. These sheets are enclosed with the first shipment of product or sample.

### MSDS

The corresponding material safety data sheet contains detailed information and characteristics on safety precautions, environmental protection, transport, storage, handling and waste disposal.

### TR

[Technical Report "Solder resists of the series Elpemer® 2467"](#)

### AI

[Application information AI 2/1](#) "Processing instructions for photoimageable Elpemer® solder resists"

### TI

[Technical information TI 15/3](#) "Protective measures when using chemicals including lacquers, casting compounds, thinners, cleaning agents"

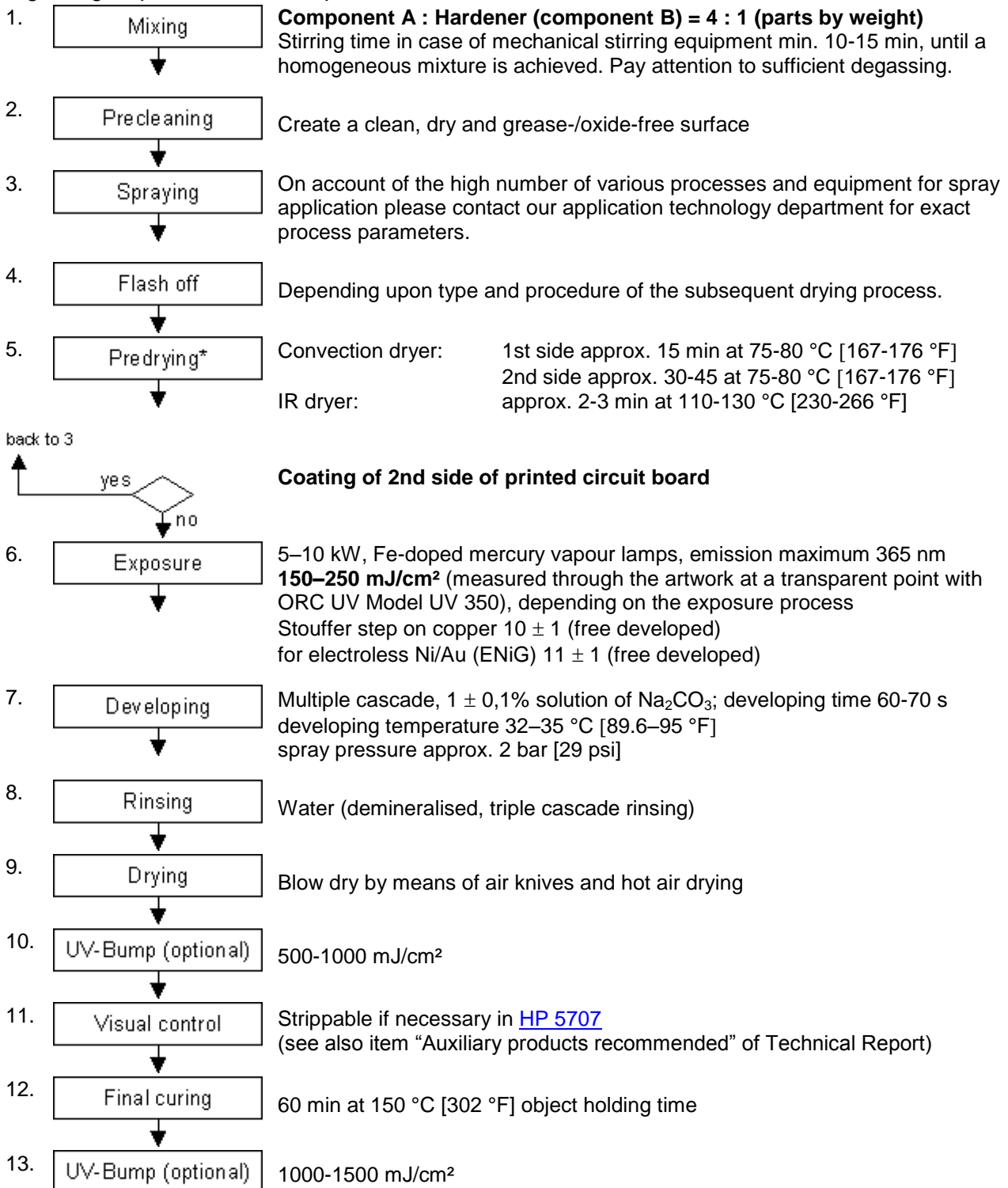
## Characteristics

<b>Base</b>	novolak-epoxy-photopolymer
<b>Solids content</b> , DIN EN ISO 3251 (1 h, 125 °C [257 °F], 1 g weighed quantity)	approx. 65 % by weight
<b>Viscosity of mixture at 20 °C [68 °F]</b> ISO 2431 / 6 mm flow cup	80 ± 10 s
<b>Viscosity of mixture at 20 °C [68 °F]</b> DIN 53211 / 4 mm flow cup*	120 ± 20 s
<b>Density at 20 °C [68 °F]</b> , ISO 2811-1 Component A Hardener (Component B) mixture	approx. 1.42 g/cm <sup>3</sup> approx. 1.03 g/cm <sup>3</sup> approx. 1.34 g/cm <sup>3</sup>
<b>Pot life of mixture</b> (at room temperature; approx. 18–23 °C [64.4–73.4 °F]; avoid solar and light radiation, yellow light or yellow filters are mandatory)	7 days
<b>Residual halogen content</b> JPCA-ES01-2003 / IEC 61249-2-21	halogen-free

Indices: AS = air spray, SM = silk-mat, DG = dark green

# Recommendation for standard processing of Elpemer<sup>®</sup> AS 2467 SM-DG

Detailed recommendations on each process step can be found in our **Application Information AI 2/1**. Our **Application Technology Department (ATD)** will also be pleased to assist you regarding all process relevant queries.



\* Total holding time in subsequent process steps max. 72 h at < 25°C [77 °F]

## Shelf life and storage conditions



Shelf life: In sealed original containers at least 6 months



Storage conditions: +5 °C to +25 °C [+41 °F to +77 °F]



Protect from UV light

For warehousing reasons, isolated cases may occur where the shelf life upon shipment is less than the shelf life indicated in this technical report. However, it is ensured that our products have **at least** two-thirds of their shelf life remaining when they leave our company. Labels on containers show shelf life and storage conditions.

## Disclaimer

All descriptions and images of our goods and products contained in our technical literature, catalogues, flyers, circular letters, advertisements, price lists, websites, data sheets and brochures, and in particular the information given in this literature are non-binding unless expressly stated otherwise in the Agreement. This shall also include the property rights of third parties if applicable.

The products are exclusively intended for the applications indicated in the corresponding technical data sheets. The advisory service does not exempt you from performing your own assessments, in particular as regards their suitability for the applications intended. The application, use and processing of our products and of the products manufactured by you based on the advice given by our Application Technology Department are beyond our control and thus entirely your responsibility. The sale of our products is effected in accordance with our current terms of sale and delivery.

Any questions?

We would be pleased to offer you advice and assistance in solving your problems. Samples and technical literature are available upon request.

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