



UL-Approvals

Registered trade mark of
 Underwriters Laboratories Inc.;
 Northbrook, Illinois 60062



For the following products of our company we received the UL-approval:

Circuit printing lacquers, Approbations-Nr. File E 80315

Type:	UL 94 Flame Class	Soldering conditions	
		Time [s]	Temp. [°C]
SD 2367 UV	94V-0	20	288
SD 23%8 UV##, colourless and green	94V-0	20	288
SD 2460/201 UV-FLEX	94V-0	10	260
ELPEMER® \$24%1##, green	94V-0	20	288
SD 2462 NB	94V-0	20	288
SD 2462 NB-M	94V-0	20	288
SD 2462 NB-M/550	94V-0	20	288
SD 2462 NB-T	94V-0	20	288
SD 2423 FLEX	94V-0	20	288
SD 2463 FLEX	94V-0	20	288
SD 24%4 NB##, white	94V-0	20	288
SD 2468 NB+	94V-0	20	288
SD 2468 NB-T	94V-0	20	288
SD 2468 NB-E-T	94V-0	20	288
SD 2468 NB-M++	94V-0	20	288
SD 2468 NB-M-E-T	94V-0	20	288
SD 2468 NB-M-T	94V-0	20	288
SD 2468 NB-M/21	94V-0	20	288
SD 2468 NB-M/21-WF	94V-0	20	288
ELPEMER® \$24%7##	94V-0	20	288
ELPEMER® \$2469 SM	94V-0	20	288
DSF 2706 UV	94V-0	20	270
HSP 2741	94V-0	20	288
PP 2795-SD	94V-0	20	290
PP 2795	94V-0	20	290

® registered trade mark

\$ This sign can be replaced by 2 letters, e. g. by SD, GL or ES (SD = screen-printing, GL = curtain coating and ES = electrostatic spraying) and thus describes the method of application.

% The third digit - indicated as a "%" here - may be replaced by numbers from 0 - 9 and thus designates the colour according to our nomenclature. This means that all available colours have been given UL-approval.

These signs may be replaced by a combination of letters describing the colour and appearance. This means that the UL-approval also applies to modifications within a type. For example: ELPEMER SD 2467 SM-YG. The number "6" denotes the green colour, whereas "SM-YG" shows a further description of the product, in this case the silk-mat yellow-green adjustment.

+ For use with SD 2468 NB (Component B) curing agent

++ For use with SD 2468 NB-M (Component B) curing agent

Conformal Coatings, Approbations-Nr. File E 80315

Note: The UL approval as conformal coatings contains the flame test acc. to UL 94 as well as electrical tests acc. to UL 746E.

Type:	UL 94 Flame Class
SL 1305 AQ/&-FLZ	94V-0
SL 1700 FLZ	94V-0
DSL 1705 FLZ	94V-1

& 2 digit number from 01 – 99 indicating viscosity

Permanent Coatings, Approbations-Nr. File E 80315

Type:	UL 94 Flame Class
SL 1301 ECO-FLZ/&	94V-0
SL 1331 N/&	94V-0
SL 1306 N/&	94V-0
SL 1306 N/&-FLZ	94V-0

& 2 digit number from 01 – 99 indicating viscosity

Casting compounds based on polyurethane resin (PUR), Approbations-Nr. File E 99285

Type:	UL 94 Flame Class
VU 4452/41 SV-HF (a)	94V-0
VU 4459/41 SV (a)	94V-0
VU 4459/41 SV-HF (a)	94V-0

(a) The liquid components are designated Component A and Component B.

The complete UL files can be accessed at www.ul.com/database.

