

# TECHNICAL DATA SHEET

## UV Additives

**DESCRIPTION** List of additives suitable for UV curable inks and/or varnishes.

### PROPERTIES

PRL CODE	DESCRIPTION	COMMENTS	%
RLA207 *	Anti static additive	Stops static build-up (inks & varnishes)	3-5%
RLA217 *	Adhesion promoter	Increases ink hardness	5-10%
RLA367	Defoamer	Silicone-based (inks & varnishes)	0.1-1%
RLA379	Defoamer	Silicone-free (inks & varnishes)	0.5-2%
RLA397	Matting paste	Lowers gloss of ink & varnish	5-25%
RLA200 *	Flow aid	Silicone-based - improves flow	0.5-2%
RLA209 *	Photoinitiator liquid	Coloured flexo & screen ink	1-3%
RLA210 *	Photoinitiator liquid	Opaque whites (all types of ink)	1-3%
RLA211 *	Photoinitiator liquid	White inks and clear varnishes	1-3%
RLA302	Photoinitiator liquid	White inks and clear varnishes	1-3%
RLA215 *	Photoinitiator paste	Coloured litho & letterpress ink	1-3%
RLA220 *	Flexibiliser	Increases varnish flexibility	5-10%
RLA223	Reducer	100% GPTA	3-10%
RLA313 *	Reducer	100% HDDA	2-5%
RLA398 *	Reducer	100% TMPTA	3-10%
RLA301	Slip aid	Low viscosity silicone (inks & varnishes)	1-3%
RLA335	Slip aid	High viscosity silicone (inks & varnishes)	1-3%
RLA336	Slip aid	Acrylated silicone-based (inks & varnishes)	1-3%
RLA234	Wax slip aid	Silicone-free slip aid (inks & varnishes)	1-5%
RLA376	Levelling aid	Silicone-free substrate wetting aid	3-5%
RLA237	Silicone release additive	Optimum tape release (inks & varnishes)	2-10%
RLA371	Optical brightener	Powder (stir into varnishes)	0.1-1%
RLA372	Optical brightener	33% active paste - easier to incorporate	0.5-5%
RLA767	Glow in the dark powder	Phosphorescent powder	20-30%

\* - These items are not suitable for use in inks for jobs requiring Nestle-compliance.

### APPLICATION

These additives are designed to be easily incorporated.  
 Please be aware that the over addition of some of these additives may reduce cure, and therefore the addition of more photoinitiator (1-3%) may be needed.  
 Please see above list for the suitability for different applications, or contact [technical@pulserl.com](mailto:technical@pulserl.com) for further information.

### STORAGE & HANDLING

Store at temperatures between 10<sup>0</sup>C and 20<sup>0</sup>C.  
 Protect from sunlight.  
 The shelf life of these additives is 12 months from date of manufacture

#### DISCLAIMER

The information contained in this data sheet is correct to the best of our knowledge. It is intended as a guide only for the optimum use of the named product(s) and is not intended as a warranty or as a specification. This datasheet may not be suitable for combinations with other materials or in processes other than those specifically described. The user should always make their own tests to establish that the product(s) meets their requirements.