



Product description	SG1100A Coating is a component of the KCC 1000 Series of solventless & solventbased silicone release coating materials, which includes a choice of solventless polymer, solvent dispersion, controlled release additive, crosslinker & catalyst components. SG1100A Coating is a toluene dispersion of a vinyl-functional siloxane gum including an acetylenic alcohol inhibitor.
Key performance properties	1. Solventbased coating system 2. User determined dilution solvent 3. Acetylenic alcohol inhibitor 4. Vinyl-functional siloxane gum

Typical Property Data

Benefits	1. Low Viscosity, Low Release force 2. Optimum substrate wetting & anchorage 3. Low temperature cure 4. Cure to non-blocking, non-migratory coatings	
Typical properties	Appearance	Clear viscous liquid
	Colour	Colourless
	Silicone Content	30%
	Solvent	Toluene
	Viscosity	500~2,000cP
	Shelf Life (30°C)	12 months
	Systems formulated with the SG1100A Coating are suitable for use on film, paper & coated paper substrates, including glassine, super calendered Kraft, clay coated Kraft & polyethylene coated Kraft, as well as filmic substrates, such as polypropylene & polyester. The resulting coated substrates are well suited to a wide range of self-adhesive tape & label applications.	
Curing process	Mix Preparation Prior to mix preparation the user should consult the individual product safety data sheets to ensure that all materials are handled in a safe manner consistent with prevailing local requirements for flammable solventbased materials. Mixes are prepared by first diluting the SG1100A Coating with either a compatible aliphatic or aromatic hydrocarbon solvent to give the desired silicone solids content. The dilute coating is then combined with a catalyst, to give a premium release coating, or a controlled release additive, catalyst, when a modified release coating is required. The KCC 1000 Series provides users with a choice of controlled release additive components for compounding with the SG1100A Coating. Batch or continuous mixing techniques may be employed to prepare the reactive coating system, however it is recommended that the coating & dilution solvent are first combined to give a homogeneous mix, into which the controlled release additive components are blended, & finally the catalyst added with continued mixing.	

The resulting mixes may be applied by direct gravure, off-set gravure or rod coating techniques.

Storage and packaging

Packaging SG1100A Coating is available in 18kg & 180kg packaging.

Remarks

Warranty information The information included in this technical data sheet is offered in good faith and is believed to be accurate.
However, since the use of the product is beyond KCC's control, the user should ensure that it is used in a safe & effective manner respecting the intellectual property of other parties.

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Revision

※ Please refer to MSDS if you want to know more specific usage or caution.
for further information, please see our website, www.kccworld.co.kr

