



Product description	SG6481A Silicone Pressure Sensitive Adhesives are useful in coating of film and fabric substrates for manufacturing suitable for masking tapes used in electronic assembly applications and for electrical insulation tapes. The typical formulation is SG6481A PSA / SK0010C catalyst = 100 / 1 ~ 2(weight parts).
Applications	- LCD protection films - Electrical process films - Coating films
Key performance properties	- Effective over wide temperature range - Perform over wide PH wide

Typical Property Data

Benefits	– Useful in coating of film – Thermostable – Chemically inert		
Typical properties	Properties(unit)	SG6481A	SK0010C
	Uncured compound		
	Appearance	Clear	Pale Yellow
	Non volatile (%)	50.5 ± 1.5 %	–
	Viscosity (25 ℃, cP)	20,000 ~ 80,000	200
	Solvent	Toluene	–
	Cured compound (140 ℃ × 120 s)		
	Adhesion (1) gf/in	1	
	Tack (2) BALL No.	MAX #5	
	Note 1) The values above are typical values, not specification values. Note 2) (1) 25μm dry adhesive thickness, 50μm P.E.T film, 1% SK0010C, SUS 304, 180° angle. (2) 25μm dry adhesive thickness, 50μm P.E.T film, 1% SK0010C, Ball tack tester		
Composition	– Silicone polymer – Toluene – Inhibitor		
Curing process	Curing Process A Typical temperature range for the curing step of the process is 100 ℃ to 180 ℃. A typical curing cycle is 120 s at 140 ℃. The exact addition psa required to achieve a complete cure will depend on Pt type and type of substrate used, and should be established during experimental trials on the machine.		
Features	– Addition curable Silicone Pressure Sensitive Adhesives		

Storage and packaging

Shelf life and storage	SG6481A Silicone Pressure Sensitive Adhesives have a usable life of 12 months from date of manufacture. Keep out of the reach of the children.
Packaging	SG6481A 18 kg/pail, 180 kg/drum

Remarks	
Handling Precautions	Product safety information required for sale use is not included in this document. Before handling, read product and material safety data sheets and container labels for safe use, physical and health hazard information. The material safety data sheet is available from your KCC representative, or distributor, or by writing to KCC customer service, or by calling (031)288-3367. SG6481A silicone pressure sensitive adhesive is thinned with toluene, Xylene or other organic solvents. Limitations When stored at or below 50 °C in the original unopened containers. This product is neither tested nor represented as suitable for medical or pharmaceutical uses.
Warranty information	Please read carefully The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that KCC's products are safe, effective, and fully satisfactory for the intended end use. KCC's sole warranty is that the product will meet the KCC sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. KCC specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless KCC provides you with a specific, duly signed endorsement of fitness for use, KCC disclaims liability for any incidental or consequential damages. Suggestions of use shall not be taken as inducements to infringe any patent.
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※ 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

