



Product description	SC5000 is addition cure, elastic type silicone varnish which produces a highly flexible resilient film. It is highly suitable for flexible tube coating application.
Applications	General purpose impregnating varnish for motors, coils, sleeve and transformers
Key performance properties	High reactivity, lower viscosity, short coating cycle. Excellent thermal stability. High stability and flexibility at low temperature. Good physical properties, high tear resistance etc.

Typical Property Data

Benefits	High reactivity, low viscosity, short coating cycle Excellent thermal stability, electrical properties, bond strength and moisture resistance High stability and flexibility at low temperature.		
Typical properties	Property	SC5000A	SC5000C
	Appearance	Translucent	Transparent
	Viscosity (mPa·s)	16,000	250
	Mixing ratio (by weight)	10	6
	Mixed Viscosity (mPa·s)	12,000	
	Work Pot life (day)	3	
	Specific Gravity	1.06	
	Hardness (Shore A)	43	
	Tensile Strength (Mpa)	5	
	Elongation (%)	220	
	Tear Strength (N/mm)	20	
	※ Notice Typical property data values should not be used as specifications.		
How to use	SC5000A and SC5000C should be mixed before coating. Standard amount of curing agent(SC5000C) added to the varnish(SC5000A) is 6 : 100 parts by weight.		
Features	Addition cure Elastic type –two–component silicone varnish for general purpose		

Storage and packaging

Shelf life and storage	Use the product within 12 months from the date of manufacturing. Store in a cool and dry place out of direct sunlight. Keep out of the reach of the children.
Packaging	SC5000A : 18kg tin can SC5000C : 1.08kg tin can

Remarks

Handling	Curing time can be different from temperature ranges.
Precautions	If contacts or contains with water, sulfur, nitrogen compounds, organic metallic salts, Sn compounds, phosphorus compounds ,vulcanized rubber, etc. might cause curing faults, careful attention is needed at all times.

Keep out of the reach of children. Do not swallow.

Do not use heat, open flame, sparks or other sources of ignition.

For industrial use only.

No shock and vibration.

All parts should be as clean and dry as possible prior to applications.

Use product after completely cured.

Keep away from ultraviolet light.

Wear eye protection and protective glove when handling this product. Maintain adequate ventilation in the work place at all times.

Wash thoroughly affected skin areas with mild soap and plenty of water.

Do not dispose of the emptied container unless the contents have been completely removed and the container has been flushed with a clean neutral solvent and then dried up.

Use product within shelf life.

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 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

