

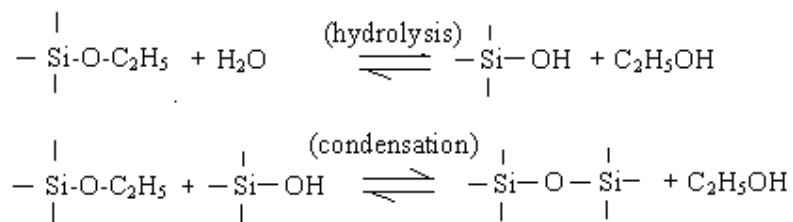


COMPOSITION OF THERMOLON™

The composition of Thermolon™ is of course a trade secret. However, in general, we can disclose some non-confidential basic information as follows.

Thermolon™ is based on silica, which of course originates from sand. The elemental composition of the raw materials in the coating is Silicone (Si), Oxygen (O) and Carbon (C).

The process by which Thermolon™ is manufactured is a hydrolysis. This is followed by a condensation reaction in which the carbon (C) containing alcohol (C₂H₅OH) is eliminated. This process takes place at low temperatures and pressures. Obviously we cannot disclose exact process conditions.



After applying the wet coating to the cookware in a spray process, the coating is cured at a temperature in excess of 180°C. During this curing process, further cross-linking of Si to O forms a –Si-O-Si- matrix.

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NON-STICK TECHNOLOGY PTFE-FREE

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