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We supply polysilazane formulations for special purpose barrier coatings, which can be applied on plastics, glasses and other surfaces. We provide responsive, local support to our customers helping them to rapidly bring advanced barrier coating solutions to the market.

**BASIC KNOWLEDGE OF POLYSILAZANES**

Polysilazanes are polymers in which silicon and nitrogen atoms alternate to form the basic backbone. Each silicon atom is bound to two separate nitrogen atoms and each nitrogen atom to two silicon atoms as depicted.

**FORMULATIONS FOR HIGH PERFORMANCE BARRIER FILMS**

As a result of polymerization, polysilazane is transformed into a glass-like layer after processing. This layer makes a barrier against oxygen and water.