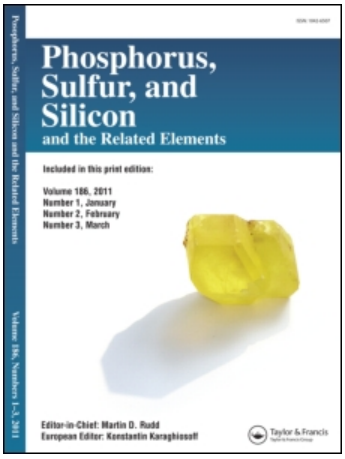

Phosphorus, Sulfur, and Silicon and the Related Elements
Publication details, including instructions for authors and subscription information:
http://www.informaworld.com/smpp/title~content=t713618290

Hydrolysis of Cyclodisilazanes

R. J. Perry[a]
[a] Corporate Research Laboratories, Eastman Kodak Company, Rochester, NY

To cite this Article Perry, R. J.(1989) 'Hydrolysis of Cyclodisilazanes', Phosphorus, Sulfur, and Silicon and the Related Elements, 41: 3, 466
To link to this Article: DOI: 10.1080/10426508908039745
URL: http://dx.doi.org/10.1080/10426508908039745

HYDROLYSIS OF CYCLODISILAZANES

R. J. PERRY
Corporate Research Laboratories, Eastman Kodak Company,
Rochester, NY 14650

Abstract Unhindered N,N'-diphenyltetramethylcyclodisilazane readily undergoes hydrolysis in the presence of catalytic amounts of acid or base. Under base conditions an intermediate diaminodisiloxane may be isolated. The more sterically congested hexaphenylcyclodisilazane is resistant to acid hydrolysis but is readily hydrolyzed in the presence of base. Hydrolysis of this substrate in the presence of fluoride ion gives rise to a number of fluorine-containing products.