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## **A Brief Guideline for CraigStik™ 3991, 3992, 3993 and 3994 Microsphere Series**

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- **The adhesive will separate upon storage or shipping. Before using, remove lid and mix thoroughly. Mix on medium to high speed for 30 minutes to an hour.**
- **Ensure that the coating system supplies a constant agitation and recirculation of the adhesive. Simply pouring fresh adhesive to the pan when the levels are low is not appropriate for proper application.**
- **If the coating starts to lose water due to application and become thick, use only CraigStik™ 3991PID to thin. Use of any other diluent will result in poor application. Solids should be maintained at 30-40%.**
- **Maintain the pH of the adhesive. It should be 9.1 or higher. Consult individual product data sheets for exact pH values.**
- **It is extremely important to control coating weight in order to achieve consistent performance from these adhesives.**
- **All of the previous statements are important for any application using these microsphere adhesives. It is especially important that these parameters be controlled for paper applications. Failure to do so could result in unwanted “fiber tearing bonds” or insufficient “holding power” of the adhesive.**

**This list only highlights the parameters that are involved when working with these adhesives and the complete “Application Notes” should be consulted before running and press trials or jobs with the microsphere adhesives.**

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