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March 30, 2016

**Handling, Storage, and Shelf-Life Fluon® PTFE E-SERIES Aqueous Dispersion (AD) grades**

Dear Valued Customer,

PTFE Aqueous Dispersions (ADs) should be stored at 40-75 °F (5-24 °C) to maximize the shelf life. Higher temperatures could increase the settling rate but will not critically affect the product performance. This temperature range is only a recommendation and is not a requirement. However, because a major component of ADs is water, under no circumstances should ADs be allowed to freeze, as this will cause irreversible coagulation of the dispersion.

Vigorous agitation or shear must also be avoided, as it will cause irreversible coagulation and precipitation of the dispersion. The material should be stirred (or the containers turned slowly end-over-end, if practical), at least once a month to re-disperse any particles that may have settled. Stirring should be done with a large paddle or low shear blade at a slow speed to avoid vigorous agitation.

Assuming that the material has been properly stored and re-dispersed per instructions above, the Shelf Life is one (1) year from date of manufacture (DOM).

The date of manufacture can be determined from the lot number as follows:

UK: YYMM -- first four digits provide year (Y) and month (M) of manufacturing where: 1602 = February, 2016  
JP: 3AYMM -- one digit year (Y) and two digit month (M) where: 3A602 = February, 2016

Shelf life may be extended by re-inspection: if the %PTFE passes your process requirements, then the shelf life can be extended for 1 month. Settling will not affect the polymer itself, but it will lower the %PTFE value which may affect the performance of the AD in your process.

If you have any questions or need additional information, please contact me at (610) 423-8112. Thank you for your business, and we look forward to continue working with you as one of our important customers.

Sincerely,

Jonathan C. Clapp  
Senior Manager – Supply Chain

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