

ABSTRACT

Presentation – ECS 2023

Clariant/Omya

Speakers: Mr. Jean-Yves Desrats, Clariant International Ltd, Switzerland
Mr. Christopher Dobbins, Omya International AG, Switzerland

Authors: same persons

Area of focus: product innovation

Title:

Presenting the sustainability benefits of AddWorks IBC 760 and Hostanox O 3 P for SMP sealants

Topic brief:

Silane modified polymers (SMP) are one of the fastest growing technologies in the sealants and adhesives industry. They combine the advantages of polyurethanes and silicones, are free from solvents and isocyanates and provide a versatile platform for adhesive formulators.

Current light and heat stabilizers for reactive sealants are in the focus of the regulatory authorities, and as awareness has increased regarding the hazard profile of these products many have been reclassified. In addition, these products can cause a range of yellowing issues and can struggle to provide sufficient service life for sealants. Clariant and Omya have addressed these issues with the development and market introduction of AddWorks IBC 760 as a label-free light and heat stabilizer solution, with Hostanox O 3 P as a label-free booster, for SMP sealants.

AddWorks IBC 760 and Hostanox O 3 P are now becoming the new industry standards in light and heat stabilization for SMP sealants. The learnings from this segment have given us the encouragement to perform further testing on whether coating applications can benefit from the performance benefits that AddWorks IBC 760 demonstrates in SMP sealants.

Job titles for speakers:

Mr. Christopher Dobbins: Application Manager, Adhesives & Sealants

Mr. Jean-Yves Desrats: Global Technical Segment Manager, Performance Additives Coatings