



Website: [www.ThePackagingConference.com](http://www.ThePackagingConference.com)

Contact Information:

**Frank Semersky**  
Plastic Technologies Inc.  
1440 Timberwolf Drive  
Holland, OH 43528  
Ph: 419.867.5404  
Email: f.semersky@pti-e.com

**John Maddox**  
SBA-CCI, Inc.  
12917 Hunt Club Road North  
Jacksonville, FL 32224  
Ph: 904.382.8735  
E-mail: j.maddox@sba-cci.com

## For Immediate Release

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### **ColorMatrix Announces New Oxygen Scavenging Technology.**

ColorMatrix Group announced a new oxygen scavenging technology for packaging at The Packaging Conference being held at the MGM Grand in Las Vegas, Nevada. John Standish presented the details of what he called, "A game changing technology for sustainable PET packaging". ColorMatrix HyGuard™ Technology has performance and recyclability advantages over existing technologies offered by ColorMatrix and others.

The new technology will be incorporated into preforms at the injection molding step. HyGuard™ Technology features a triggering mechanism which initiates the oxygen scavenging reaction upon the filling of the bottles. This reduces the amount of the scavenging additive required and improves performance because there is no longer a loss in activity between the blow molding step and filling. ColorMatrix believes that the triggering feature will also enable further lightweighting of containers.

Another advantage of the new technology is the improved appearance of recycled material recovered from bottles containing the scavenger. Current oxygen scavengers are known to add to the yellowness of RPET. Initial results presented showed negligible impacts on the color of the recovered material as measured by conventional LAB color measurements.

The new technology also demonstrates the level of performance expected of a scavenging compound. The data presented showed a 300x reduction in O2 ingress, over months of time compared to a PET control. ColorMatrix is in the preliminary steps of gaining regulatory and taste test approvals for several target markets.

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