

## TECHNICAL BRIEF

# ULTRA-LOW VOC DRIERS

Increased emphasis is currently being placed on the reduction of VOCs (Volatile Organic Compounds) to reduce air pollution and the effects of greenhouse gases upon the atmosphere. Resin manufacturers are targeting reduced VOCs in both solventborne and waterborne systems. As regulations demand lower VOCs, the contribution of the solvents in the driers becomes more and more important and critical to product performance. Therefore, **DURA Chemicals** has introduced several **Ultra-Low VOC Driers** for low VOC compliant coatings.

**DriCAT® 2712** – 12% Cobalt 2-Ethylhexanoate in Methyl Soyate

**DriCAT® 2508** – 8% Manganese 2-Ethylhexanoate in Methyl Soyate

**DriCAT® 2005** – 5% Calcium 2-Ethylhexanoate in Methyl Soyate

**DriCAT® 4012** – 12% Zirconium 2-Ethylhexanoate in Methyl Soyate

All of these driers have non-volatile/solids contents in excess of 90%.

These driers were developed specifically for low-VOC solventborne coatings. However, due to the increased polarity of the ester solvent, these driers have also shown good compatibility/stability in waterborne systems upon direct addition.

***DURA Chemicals** can also develop other specialty driers in bio-based solvents for specific applications to meet the demands of the formulator for low-VOC coatings.*