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**Attention: Editor**

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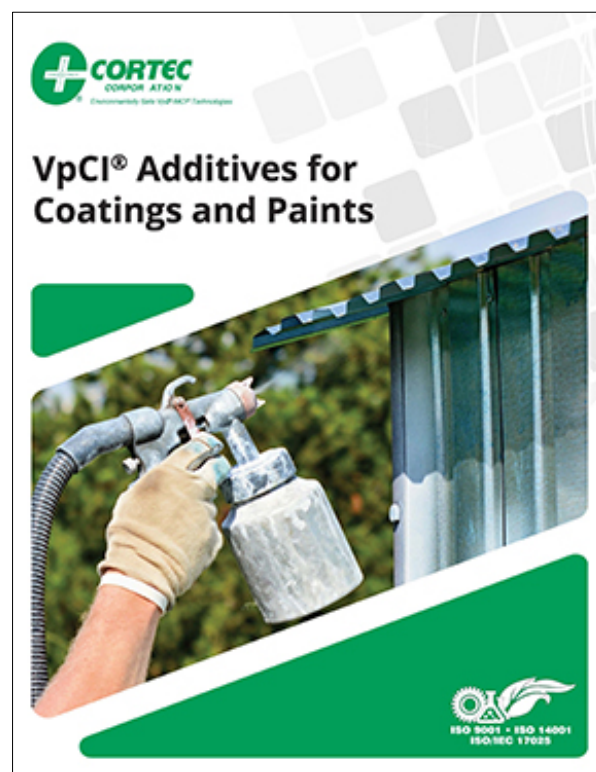
**PRESS RELEASE**



## **New VpCI® Additives Brochure Presents Exciting Anti-Corrosion Options for Coating and Paint Formulators!**

As part of Cortec's growing impact on the additives market, the company has designed a new brochure on Cortec's VpCI® additives for coatings and paints. This exciting line of VpCI® Technology additives offers important advantages over traditional anti-corrosion coatings technology, such as those based on zinc, chromates, and other heavy metals.

Cortec's complete line of additives for waterborne and solvent-based coatings provides corrosion protection for ferrous and non-ferrous metals. VpCI® coating additives show excellent performance with low viscosity and can be easily blended into the product at any stage of manufacturing. They cover systems such as acrylics, urethanes, epoxies, alkyds, and more.



can penetrate deep into the micro-cavities of metal surfaces, protecting better than traditional pigment technology. By protecting these micro-cavities, VpCl® coatings additives help to reduce creep and blistering of the coating.


VpCI® coating additives offer a new world of protection possibilities because the proven VpCI® Technology offers exceptional protection at very low dry film thicknesses. This saves on labor and cost and allows for breakthroughs in the realm of environmentally friendly waterborne coatings. Cortec's researchers and engineers are able to work together with formulators' technical staff to provide an additive that is tailored to formulation requirements and the end user's specific needs.

- Vapor phase Corrosion Inhibitors
- Organic and inorganic inhibitors
- Environmentally friendly
- Liquid phase wetting (preferable compared to pigment inhibitors)
- Can be added in let-down stage or grind for pigments stage
- Requires less inhibitor (0.5-2%) vs. 5-20% for pigment inhibitors
- Can work synergistically with other components in the formulation
- Long term and flash rust corrosion inhibitor options

## Simple. Clean. Efficient.




Cortec® Corporation's complete line of waterborne and solvent-based additives offers corrosion protection for ferrous and non-ferrous metals. VpCI® coating additives provide excellent performance with low viscosity and can be easily blended into your product at any stage of manufacturing. They cover systems such as acrylics, urethanes, epoxies, alkyds, and more.

Nano VpCI® molecules can penetrate deep into the micro-cavities of metal surfaces, protecting better than traditional pigment technology. By protecting these micro-cavities, VpCI® coatings additives help to reduce creep and blistering of the coating.



VpCI coating additives offer a new world of protection possibilities because the proven VpCI® Technology offers exceptional protection at very low dry film thicknesses. This saves on labor and cost and allows for breakthroughs in the realm of environmentally friendly waterborne coatings.

Our researchers and engineers work together with your technical staff to give you an additive that is tailored to your formulation requirements and the end user's specific needs.

## Benefits of VpCI® Coating Additives

- Vapor phase Corrosion Inhibition
- Organic and Inorganic Inhibitors
- Environmentally friendly
- Liquid phase wetting (preferable compared to pigment inhibitors)
- Added in let-down stage vs. grind for pigments stage
- Clear base
- Uses less inhibitor (0.5-2%) vs. 5-20% for pigment inhibitors
- Can work synergistically with other components in the formulation
- Long term, flash rust, and in-can corrosion inhibitor options



VpCI® additives form a thin molecular corrosion inhibiting layer that adsorbs on the surface of the metal, displacing existing water, chloride, or other corrosion contaminants on the surface. Corrosion protection is achieved beneath the coating at the contact phase, vapor phase, and the interphase.

## Coatings Additives

Product	METALS/PRESTRESS						ATTRIBUTES			SOLVENT BASES			WATER BASES					
	Copper Steel	Stainless	Aluminized	Aluminum	Aluminum	Aluminum	Physical State	Stability	Range of Applications	Typical Applications	Typical Strength	Stress	2K Coatings	UV-UVI	Adhes	Polyester	Epoxy	2K Coatings
SE-65	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2,25-2,25						Yes	Yes
SE-100	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25	Yes						Yes
SE-110	x		x				liquid	Water & Solvent	Long Term	Coatings	2-2,25	Yes	Yes					
SE-115	x		x				liquid	Water & Solvent	Long Term	Coatings	2-2,25	Yes						Yes
SE-115A SE-115B	x		x				liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-120	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25	Yes						Yes
SE-125		x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2,25-2,25	Yes	Yes				Yes	Yes
SE-130	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2,25-2,25						Yes	Yes
SE-140	x		x				liquid	Water & Solvent	Long Term	Coatings	2,25-2,25						Yes	Yes
SE-145	x		x				liquid	Water & Solvent	Long Term	Coatings	2,25-2,25						Yes	Yes
SE-150	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-155	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2,25-2,25						Yes	Yes
SE-160	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2,25-2,25						Yes	Yes
SE-165	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-170	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-175	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-180	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-185	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-190	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-195	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-200	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-205	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-210	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-215	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-220	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-225	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-230	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-235	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-240	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-245	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-250	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-255	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-260	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-265	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-270	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-275	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-280	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-285	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-290	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-295	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-300	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-305	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-310	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-315	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-320	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-325	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-330	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-335	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-340	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-345	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-350	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-355	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-360	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-365	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-370	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-375	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-380	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-385	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-390	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-395	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-400	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-405	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-410	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-415	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-420	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-425	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-430	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-435	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-440	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-445	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-450	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-455	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-460	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-465	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-470	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-475	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-480	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-485	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-490	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-495	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-500	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-505	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-510	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-515	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-520	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-525	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-530	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-535	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-540	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-545	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-550	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-555	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-560	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-565	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-570	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-575	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-580	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-585	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-590	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-595	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25						Yes	Yes
SE-600	x	x	x	x	x	x	liquid	Water & Solvent	Long Term	Coatings	2-2,25							



The brochure concludes with an extremely helpful selection guide that lays out Cortec® additives according to metals protected, additive attributes, and compatibility with various solvent based or water based systems such as epoxies, acrylics, alkyds, urethanes, and polyesters. The guide makes it much easier for formulators to evaluate and choose the right VpCI® additive for their specific formulation needs. A second chart presents VpCI® Ink Additives for those desiring to add corrosion protection into corrosive inks to protect printing equipment.

The “VpCI® Additives for Coatings and Paints” brochure provides an excellent introduction into the variety of

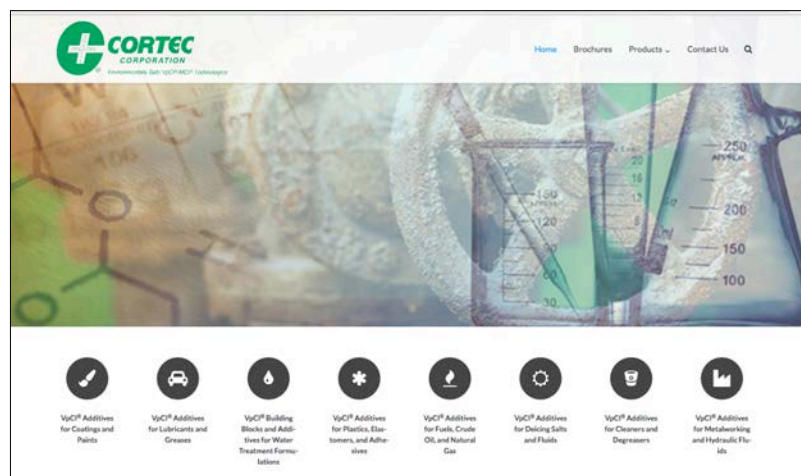
exciting VpCI® anti-corrosion coatings, paint, and even ink additives available from Cortec® Corporation. The need for coatings that preserve metal structures and equipment from rust and corrosion is unending, and Cortec® is ready to help with advanced VpCI® Technology additives that can be added directly into existing coatings formulations for enhanced corrosion protection. VpCI® additives offer flexible and high-performing options for both traditional solvent based and a growing range of environmentally friendly water based coatings, making them an important and exciting resource for coatings formulators today.

To read the entire version of this brochure, please visit:

[http://cortecadditives.com/wp-content/uploads/2017/04/VpCI\\_Additives\\_Coatings\\_04-2017.pdf](http://cortecadditives.com/wp-content/uploads/2017/04/VpCI_Additives_Coatings_04-2017.pdf)

For more information about Cortec’s innovative Additives products, please visit:

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