



Wetting agents for
improved paint
performance

Nouryon

Bring out the best in your paint

Paints and coatings are complex formulations with multiple components. It is crucial to have a good wetting agent that allows all the ingoing components to mix well with each other to add quality and stability to the formulation.

Nouryon offers a selection of high performing wetting agents that will bring out the most in your paint. Our wetting agents can contribute in several ways to improve the paint quality.



Bring out the most in your production

Wetting agents from Nouryon give less pigment agglomerates which increases the hiding power of the pigment. This enables you to reduce the pigment load, thus saving material and cost. The fast wetting properties of our products also help to speed up the mill base step in your paint production.

- Our wetting agents are:
- APEO free
 - NP replacers
 - VOC free (< 1%)
 - Very low in SVOC content

Sustainable Wetting Agents

Nouryon is committed to working for a sustainable future. We make sure that we are always up to date with the latest and upcoming regulatory demands and concerns. This is our way of helping our customers to produce sustainable, long lasting paint formulations.

Consider Berol 185

Berol 185 is our superior solution due to its high performance and label-free status. It is non-toxic, non-irritant, readily biodegradable and works in most emulsion paint formulations. We also offer multiple other wetting agents to meet the needs of a wide range of formulations.

Product overview

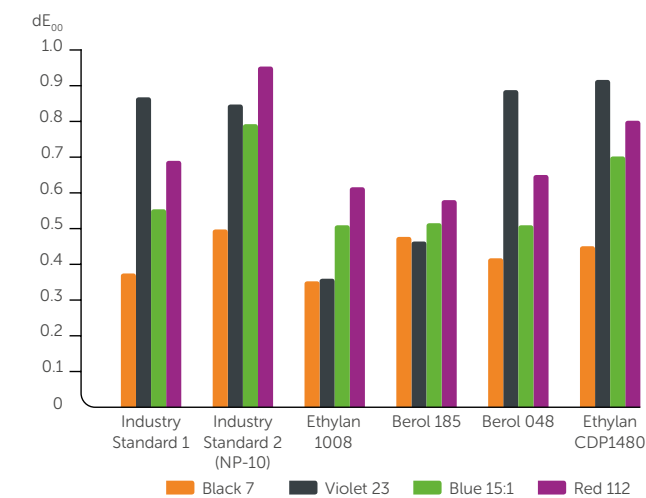
Product	VOC (wt%)	SVOC polar (wt%)	SVOC non-polar (wt%)	PROPERTIES			VALUE ADDING						
				Active content (wt%)	Pour point (°C)	HLB (Griffin method)	Color acceptance	Color strength	Particle finess	Stability	Low foaming	Scrub resistance	Anti sagging
Berol 185	< 1	1.6	2.6	90	0	13.5	✓	✓	✓	✓	✓	✓	✓
Berol 048 / Ethylan TD 1085	< 1	3.6	3.9	85	0	13.5	✓	✓	✓	✓			
Ethylan 1008	1.8	2.4	4.1	100	12	14	✓		✓	✓		✓	✓
Ethylan CDP 1480	< 1	< 1	< 1	80	13	15.6	✓		✓	✓			

* Available in most countries, please check with your regional sales contact

How to use our products

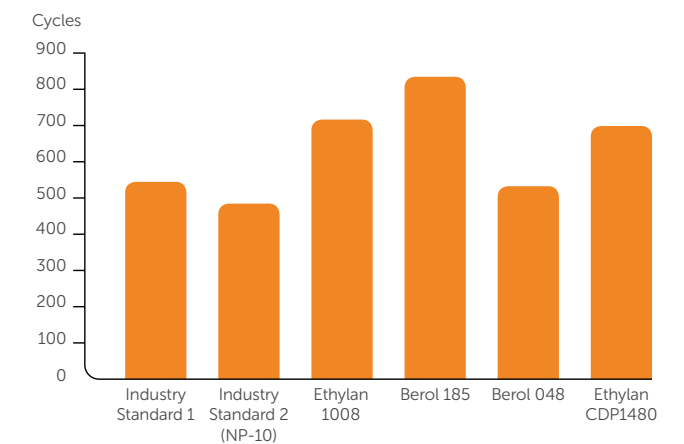
Our wetting agents are suitable for a broad variety of water based paints and coatings. Acrylic, styrene/acrylic latex and alkyd emulsion paints are just a few examples. Best results are obtained if the wetting agent is added to the mill base. We generally recommend adding 0.2–0.3 wt% on the total paint formulation.

Color acceptance performance



Acrylic paint formulation with 0.2% wetting agent, 2% colorant added
 Evaluation of Color Acceptance, 2 wt% colorant in an acrylic paint with 0.2 wt% wetting agent. The lower the dE₀₀ values the less difference between the drawdown and rub-out areas. dE₀₀ below 0.5 is considered non-visible to the naked eye.

Scrub resistance



Acrylic paint formulation with 0.3 wt% wetting agent. Test according to ASTM D2486
 Scrub resistance evaluation of acrylic paint, 0.3 wt% wetting agent added. The test was made in accordance with ASTM D2486.

Contact us directly for detailed product information
and sample request at pci@nouryon.com

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We are a global specialty chemicals leader. Markets worldwide rely on our essential chemistry in the manufacture of everyday products such as paper, plastics, coatings, food, pharmaceuticals and personal care items. Building on our nearly 400-year history, the dedication of our 10,000 employees, and our shared commitment to business growth, strong financial performance, safety, sustainability and innovation, we have established a world-class business and built strong partnerships with our customers.

We operate in over 80 countries around the world and our portfolio of industry-leading brands includes Eka, Dissolvine, Trigonox, Berol, Amadol and Ethylan.

For more information visit surfacechemistry.nouryon.com

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