



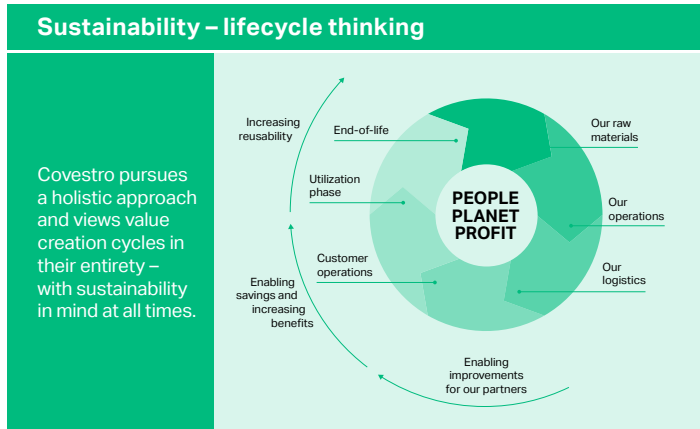
Looking for sustainable
well-being in a car interior.

Bayhydrol® CQ



Bayhydrol® CQ UH 2884

High performance enabled by nature: New bio-based polyurethane dispersion for soft-touch automotive coatings



Sustainability is increasingly impacting the product and raw material purchasing decisions of paint makers, automotive OEMs and consumers. With biomass being already the raw material basis for around 10% of all chemical products, new technologies, cooperative agreements and product developments will enable the automotive industry to move forward to use more products based on renewable resources.

Covestro has developed a technology to increase the content of renewable resources to 49% in polyurethane dispersions (PUDs) for two-component hydro soft-touch coatings.

In combination with the bio-based hardeners **Desmodur® CQ N** and **Bayhydur® CQ**, soft-touch coatings with a content of up to 30% renewable carbon content in the binder can be formulated without sacrificing performance. **Bayhydrol® CQ** is compatible with the existing Covestro toolbox of OH-functional and non-functional polyurethane dispersions for hydro soft-touch coatings.

Key benefit of Bayhydrol® CQ UH 2884:

- 49% renewable carbon content derived from non-fossilbased inputs



Main characteristics	
Viscosity at 23°C	≤ 1,200 mPa · s
pH-Value	7.5 ± 1
Non-volatile content	50 ± 2
Renewable content* (% solid)	49 ± 3

* Calculated minimum content of carbon derived from bio-based raw material like fat and fatty acids. Confirmed by ¹⁴C measurements according to ASTM D 6866:2008.



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¹Please see the "Guidance on Use of Covestro Products in a Medical Application" document.
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