


## Mowital® - the PVB for every challenge


From paints and printing inks, to adhesives, ceramics, films and 3D printing: Polyvinyl butyral resins (PVB) are extremely important in many areas today. With Mowital®, Kuraray offers a unique portfolio of PVB materials.





Thanks to their specific butyral, hydroxyl and acetate groups, they feature technical and chemical properties that are ideally tailored to a wide range of applications. Benefit from the versatility and quality of European market leader for technical PVB applications Kuraray that set standards across the globe.


## Properties for the highest of requirements


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**Mowital®** features outstanding optical properties. It is **colourless**, perfect for coatings and lending paints and printing inks a brilliant gloss. As a film it is crystal clear, similar to glass.
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With excellent **adhesion and film formation properties**, Mowital® is ideal for use in adhesives. It forms an ideal bond to a diversified spectrum of surfaces, both organic and inorganic substrates.
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Thanks to its **high binding power** and rheological properties, Mowital® acts as an excellent binder for printing inks, paints and coatings as well as in the production of ceramic products.
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Mowital® is a rheological modifier. With its **outstanding elasticity**, it gives plastics and adhesive systems excellent softness and flexibility.
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For optimized **water sensitivity** the special polymer is optionally available with a higher number of butyral groups.
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Mowital® is particularly suited for **thermoplastic applications**.

## The material for thousand applications

With its numerous product variants, Mowital® is the first choice for a wide range of applications:

- Compatible with many **polymers**, Mowital® enables ideal crosslinking of various functional groups of organic substances.
- The PVB is ideal for use with a **wide range of solvents** - from non-polar solvents like hydrocarbons to highly polar solvents like methanol.
- Mowital® is available in variants with **different viscosities**, from low to high viscous grades.



## Food contact status

The use of Mowital B types is sanctioned by: The the (EG) regulation 1935/2004 and No. 10/2011 - all monomers and starting substances authorized by listing in Annex I. Council of Europe, Resolution AP 96(5) on surface coatings intended to come into contact with foodstuffs - all monomers and starting substances authorized by listing in appendix 2, list 1. US Food and Drug Administration 21 CFR § 175.105 Adhesives, 21 CFR § 175.300 Resinous and polymeric coatings, 21 CFR § 176.170 Components of paper and paperboard in contact with aqueous and fatty foods.

## Contact

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