

# Paints & Sealants:

Why is low-VOC paint related to healthier air quality?

What are the complexities and available solutions to specifying low-VOC paint for different types of applications (indoor, outdoor, long-lasting, epoxy, other)?

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**Expert Name:** Georges Chalhoub

Sales Manager

Tinol Paints



**Short Profile:** Georges Chalhoub holds the position of Sales Manager at Tinol, the leading Lebanese paint manufacturer that has always thrived to do business with human and environmental consciousness derived from its core CSR objectives. He has 26 years of wide experience in technical service, sales and marketing of specialty products ranging from raw materials to finished products. During his career he held many key positions while promoting German products Bayer, Degussa and BASF and attended many international conferences, seminars and technical trainings, including workshops on Green Buildings.

**Expert Name:** Michele Azouri

Technical Marketing Manager

Tinol Paints



**Short Profile:** Dr. Michele Azouri holds the position of Technical Marketing Manager at Tinol Paints International Co. sal, the leading Lebanese paint manufacturer.

Dr. Michele has a wide experience in R&D, product development and marketing of specialty products. During her career she works as Global Product Development Manager at Jotun Powder Coatings (Dubai) for over 3 years. She previously lived in Paris, spending over 2

years with Phenomenex Incorporation, as Technical Services and Sales Engineer, before moving to Serlabo Technologies S.A.S. and taking up the Sales Manager role.

Dr. Michele holds a PhD in Molecular chemistry from Université de Bourgogne in France where she also spent 3 years as a Post-Doc Teaching Assistant Professor.



Definition / Benefits	Constraints / Challenges / Barriers
<ul style="list-style-type: none"> <li>✓ What is VOC?</li> <li>✓ How does it work?</li> <li>✓ VOC content vs VOC emissions</li> <li>✓ Better Indoor Air Quality</li> <li>✓ Health and environmental issues</li> </ul>	<ul style="list-style-type: none"> <li>✓ Lack of awareness of the general public &amp; Designers</li> <li>✓ Unavailability of full range of VOC products</li> <li>✓ Technical complexity of raw materials productions</li> <li>✓ Lack of regulations/control/enforcement</li> <li>✓ Misconceptions: Low VOC does not mean higher cost, less quality, or more work for the same requirements</li> </ul>
Best Practice / Solutions / Tools	Resources / Local Availability
<ul style="list-style-type: none"> <li>✓ Spread awareness &amp; guidance</li> <li>✓ Be part of seminars or conferences for green buildings</li> <li>✓ One-to-one visits to consultants to inform about technical specs</li> <li>✓ Specify: Low VOC and Zero VOC</li> <li>✓ Low VOC products imposed in recognized specifications</li> </ul>	<ul style="list-style-type: none"> <li>✓ Full decorative system available in Low VOC version</li> <li>✓ 3rd Party Certifications available</li> <li>✓ Possibility of testing VOC content levels</li> </ul>