

Colombes, 23 August 2022

## ARKEMA INTRODUCES NEW ACRYLIC POLYOL EMULSION FOR INDUSTRIAL PAINTS WITH REDUCED VOC LEVELS

**Arkema, a global leader in specialty materials for paints and coatings, recently introduced SYNAQUA® 9511 new performance waterborne binder for use in formulating industrial paints with reduced VOC levels (<150 g/l).**

*“SYNAQUA® 9511 acrylic polyol emulsion offers significantly lower VOC capabilities and performs well in 2K or 1K stoving systems. Our goal was to help industrial paint formulators more easily meet their sustainability goals by achieving lower VOC levels with a high-performance waterborne solution,”* explained Claire Reynier, global marketing and business development manager for industrial coatings, Arkema Coating Solutions.

SYNAQUA® 9511 acrylic polyol emulsion is suitable for both **topcoat and monocoat applications and can be applied on a very large variety of substrates**, including general metal, plastic, glass, wood or concrete flooring.

It is a waterborne acrylic polyol emulsion with hydroxyl groups (3% OH) specifically designed for demanding industrial applications that have traditionally required products with significantly higher VOC levels. Coatings made with these binders can help manufacturers to meet key performance target of **durability, gloss, adhesion and chemical resistance**.

Specific application benefits include:

- **On Metal (2K PU Topcoat):** low VOC capability (86 g/l), chemical resistance, durability and good mechanical properties
- **On Metal (1K Stoving Topcoat):** low VOC capability (100g/l), good hardness, chemical resistance and low yellowing
- **On Plastic (2K PU Topcoat):** low VOC capability (85 g/l), good adhesion, high hardness, chemical resistance and durability
- **On Glass (1K Stoving Monocoat):** Low VOC capability (100 g/l), high hardness, good adhesion, water resistance and chemical resistance

SYNAQUA® 9511 new acrylic polyol emulsion is a key addition to the market-leading range of performance waterborne and solventborne binders Arkema offers for industrial coatings, alongside a wide range of additives and monomers.

Across all of the markets Arkema serves, the company is committed to helping formulators meet their performance and sustainability goals with a market-leading portfolio of resins and additives for the key waterborne, powder, UV/LED/EB and high-solid low VOC technologies.

*“Sustainability is a core component of everything we do, from research, new product development, to manufacturing, to how we ship and handle our products,”* Reynier said. *“We are continually looking for new ways to help our customers meet current and emerging sustainability challenges in this industry.”*

For additional information on SYNAQUA® 9511 acrylic polyol emulsion and to contact our experts, visit the product page [HERE](#). To learn more about the full range of products from Arkema, visit:

[www.arkema.com](http://www.arkema.com)

[www.coatingresins-arkema.com](http://www.coatingresins-arkema.com)

SYNAQUA® is a registered trademark of Arkema.

Building on its unique set of expertise in materials science, **Arkema** offers a portfolio of first-class technologies to address ever-growing demand for new and sustainable materials. With the ambition to become in 2024 a pure player in Specialty Materials, the Group is structured into 3 complementary, resilient and highly innovative segments dedicated to Specialty Materials -Adhesive Solutions, Advanced Materials, and Coating Solutions- accounting for some 85.5% of Group sales in 2021, and a well-positioned and competitive Intermediates segment. Arkema offers cutting-edge technological solutions to meet the challenges of, among other things, new energies, access to water, recycling, urbanization and mobility, and fosters a permanent dialogue with all its stakeholders. The Group reported sales of around €9.5 billion in 2021, and operates in some 55 countries with 20,200 employees worldwide.

**Product contact**

Claire Reynier +33 1 49 00 78 53 [claire.reynier@arkema.com](mailto:claire.reynier@arkema.com)

A French *société anonyme* (limited company) with share capital of €742,860,410 – Registered in Nanterre: RCS 445 074 685 Nanterre

**Arkema**

420 rue d'Estienne d'Orves  
92705 Colombes Cedex  
France  
P +33 (0)1 49 00 80 80  
[arkema.com](http://arkema.com)

Follow us on:

 [Twitter.com/Arkema\\_group](https://twitter.com/Arkema_group)  
 [Linkedin.com/company/arkema](https://www.linkedin.com/company/arkema)