



Transfer / Collaboration Opportunity

Development of organically-sourced PU based paints formulations, «two components-two packages», with or without solvents

Research Center / Laboratory : **Meurice R&D /Varnishes and paints**

University College : **Haute Ecole Lucia de Brouckère**

Field : **Green chemistry**

KEYWORDS

Organically-sourced polyols, for PU based-paint formulations, two components – two packages, solvents, solventless, industrial applications.

Description :

Knowhow on development of organically-sourced PU based paints formulations, « two components – two packages», with or without solvents, for industrial applications based on extended exploratory work.

Comparable mechanical, wear and chemical resistance properties to paint formulations based on fossil-sourced polyols (commercially available industrial paints).

Collaborative work development with industrial paint formulations producers.

Benefits / Advantages :

Green chemistry (organically sourced polyols).
Comparable mechanical, wear and chemical resistance properties to paint formulation based on fossil-sourced polyols (commercially available industrial paints).
Paint formulations with or without solvent.
When using solvents, use of non VOC solvent.
For industrial applications: paint formulations for metal or concrete-supports.

Application Sectors

Varnishes, white paint, pigmented paint formulations for industrial applications (outdoor, ground, metal, concrete).

Intellectual Properties	TRL	Type of Partnership Sought
Knowhow	4. Laboratory validated prototype	Consultancy/ Knowhow transfer/ Technical transfer/ Academic collaboration/ Industrial collaboration/ Users collaboration