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Structural, rheological and dynamics insights of hydroxypropyl guar gel-like systems

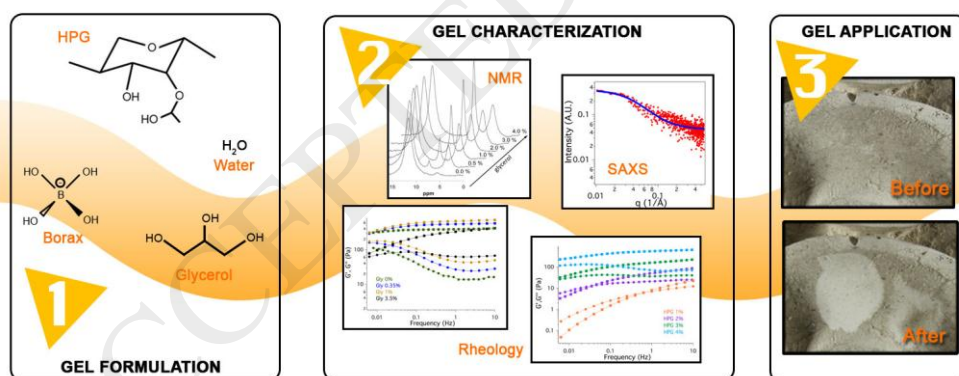
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Graphical abstract



Highlights

- The rheological and structural characterization of an innovative class of gels is presented.
- Instrumental analyses indicate that the role of glycerol depends on its concentration.
- The fractal dimension of the network is typical of a network with objects connected by rigid junctions.
- The systems set up are effective promising tools for in the cleaning of surfaces of artistic and historical interest.

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