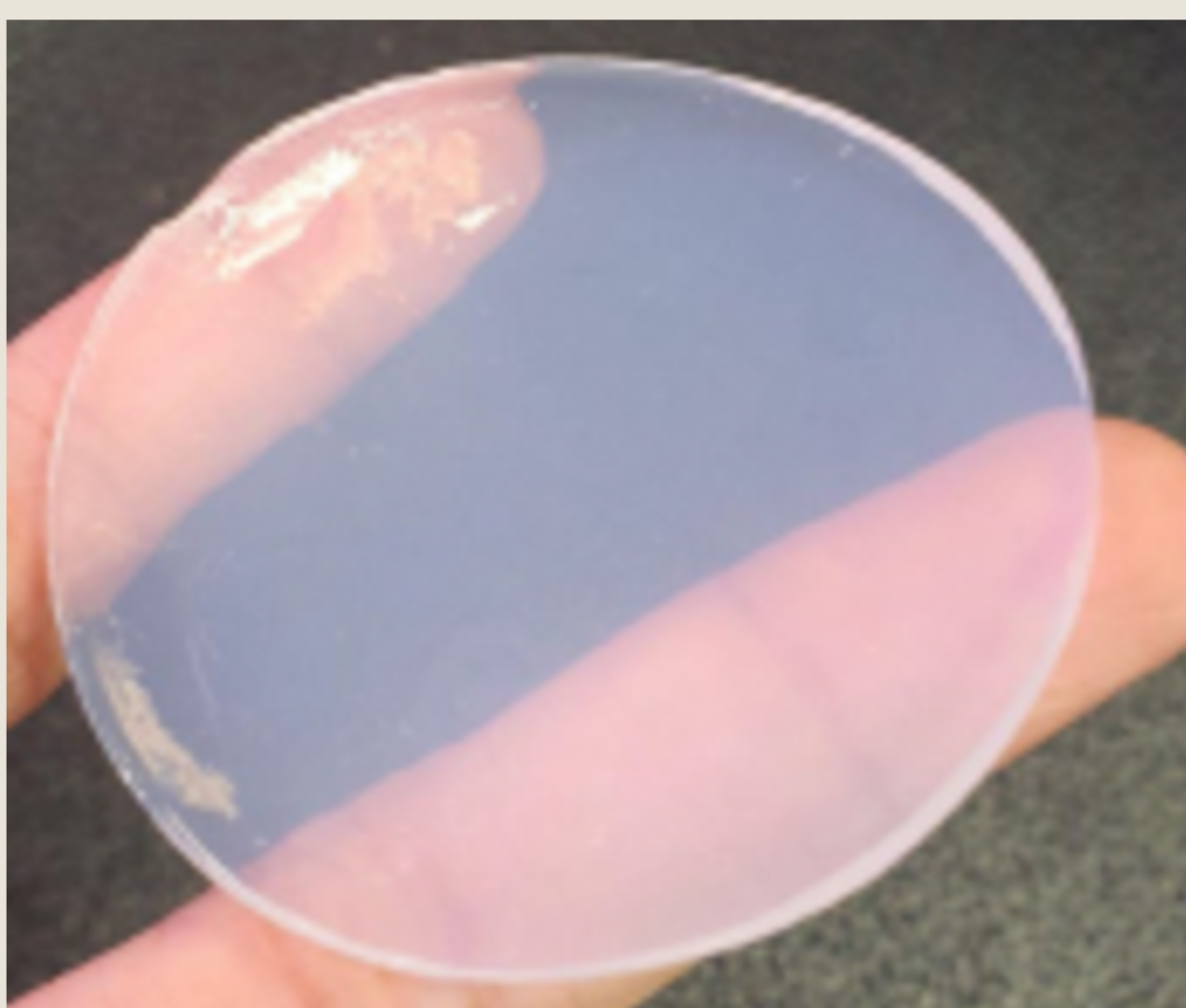


# HYDROGEL COSMETIC FACIAL MASKS AND PATCHES

## TECHNOLOGY OVERVIEW

Compositions of chemical and bioactive ingredients have been formulated for the synthesis of hydrogel cosmetic facial masks and patches. These hydrogel formulations have a flexible and configurable baseline hydrogel material – which allows for formulating products for skincare variety of facial skin types. Through various combinational mixes of chemicals and active ingredients and synthesis techniques, hydrogel cosmetic facial masks and patches can be produced for the care of dehydrated skin, aging or wrinkled skin, and sensitive or inflamed skin.



## TECHNICAL SPECIFICATIONS

The technology has been developed in 5 key areas:

- Synthesis process of the hydrogel base
- Enhancement of elasticity and surface adhesion of the hydrogels
- Hydrogels with antibacterial and anti-inflammatory properties
- Hydrogels with sebum inhibitory properties
- Hydrogels with anti-aging properties

Different formulations of the hydrogel patch can potentially be used for:

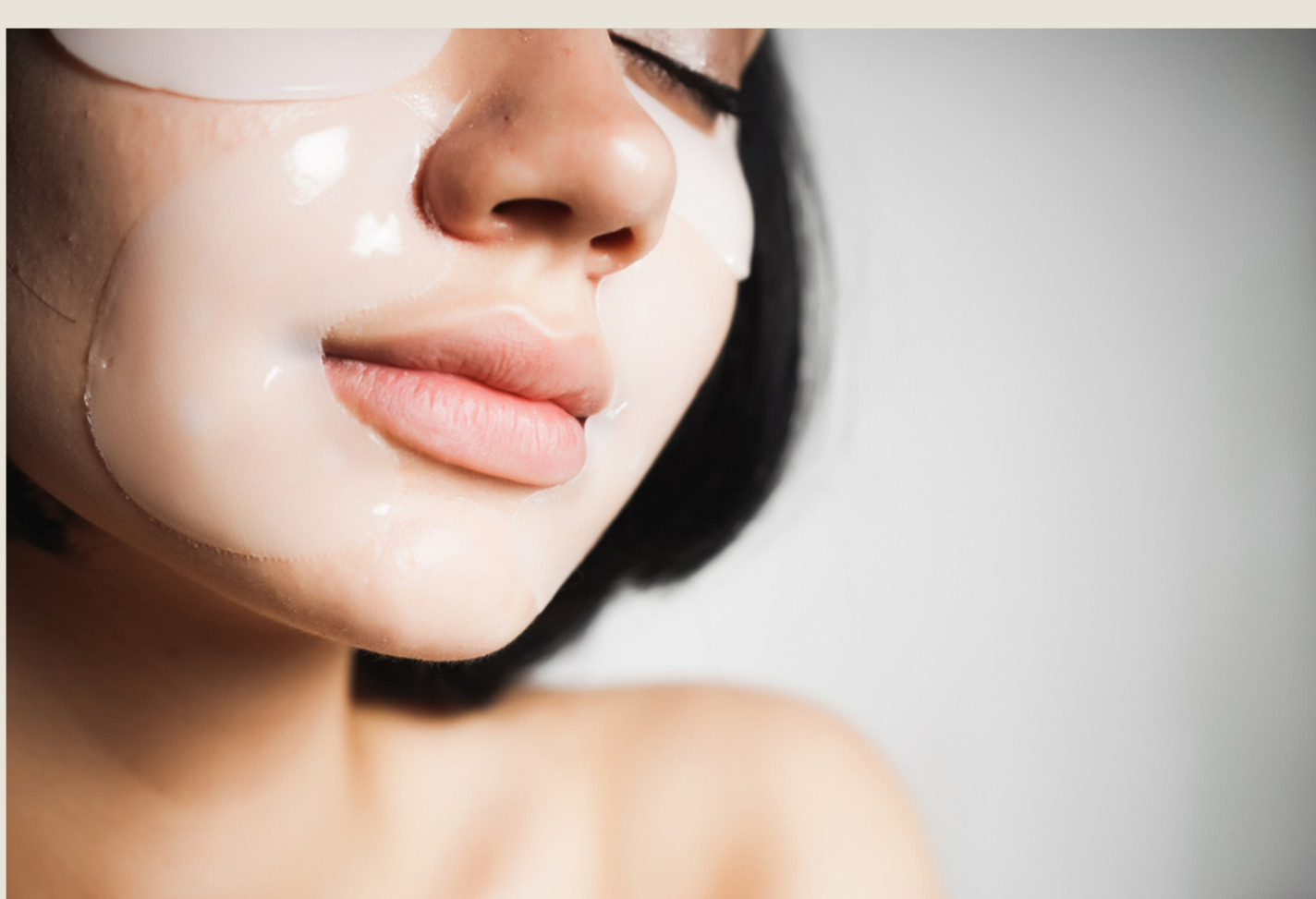
- Dry and sensitive skin
- Soothing and anti-inflammation action
- Anti-aging action



## UNIQUE VALUE PROPOSITION

This technology is unique as it offers:

- Flexibility – Can incorporate different active ingredients and compositions during the synthesis process
- Enhanced Comfort – Improves conformance and adherence of masks and patches onto the skin for prolonged comfortable use
- Effectiveness – Improves greater effectiveness and potency in the delivery of benefits to the skin



## POTENTIAL APPLICATIONS

This technology can be used to:

- Integrate existing skincare formulations into cosmetic masks and patches for new product development
- Improve the effectiveness and delivery of skincare formulations

