

# SOYPEX<sup>TM</sup>



Blending Performance with Sustainability

  
**Galata** Chemicals

# Rethink WAX

Derived from locally produced vegetable oil, Soypex™ technology is an excellent alternative to supply-limited, petroleum-based paraffin and performance-constrained conventional natural waxes.

## Blending Performance



Soypex™100 is designed to be blended with, and partially replace, conventional waxes to improve burn and processing characteristics while increasing renewable content. Incorporating the product into candle waxes also reduces soot and smoke formation, resulting in improved indoor air quality. Pre-dissolving fragrances in Soypex™100 at low temperatures preserves fragrance integrity during production of scented candles. With excellent glass adhesion and increased burn time, candle waxes containing Soypex™100 deliver a superior end-product to the consumer.

## With Sustainability...

By providing a natural, sustainable alternative, the addition of Soypex™100 to candle waxes reduces dependence on fossil fuel and its derivatives, including paraffin, and results in a positive environmental impact. Our renewable candle component enables qualification of candle

products for the USDA's BioPreferred Product label, a major initiative aimed to promote the purchase of bio-based products and assure the consumer that a product contains a verified amount of renewable components. This initiative would assist with market differentiation in the candle industry.

## Galata Chemicals — Who We Are



Galata Chemicals is a global specialty chemical company dedicated to serving its customers with environmentally-preferred technical solutions. The company has a long history and well-established reputation as a reliable supplier of chemical products manufactured from renewable feedstock.

## Contact Us Today!

Our Technical Team can assist you with incorporating Soypex™ technology into your candle waxes and products.



**Soypex™100** is a vegetable oil-derived wax component suitable for manufacturing both container and pillar candle products by blending it with industry standard paraffin or natural waxes.

## Typical Properties

Properties	Typical Values
Physical State	Liquid
Color (Gardner)	1
Specific Gravity at 25°C	0.992
Viscosity at 100°C	21 cP

## Features

- Odorless
- Compatible with fragrances, essential oils and dyes used in candle manufacturing
- 100% bio-based content

## Performance Attributes

- Enables increased natural content in candle products
- Significantly reduces soot and smoke formation
- Increases burn time
- Maintains high fragrance throw at standard loadings
- Excellent glass adhesion
- Pre-blends with fragrances at low temperature to preserve their integrity

## Suitable Candle Formulations

- Component for existing candle compositions, brands and products
- Component for new eco-preferred candle compositions, brands and products specifically designed for growing renewable/natural product category
- Component for container and pillar candle waxes

## Product Range

Soypex™ is available either as an individual component (Soypex™100) or as custom-designed blends with conventional waxes.

## FDA and Regulatory Compliance

Soypex™100 is sanctioned by the United States Food and Drug Administration for food-contact applications under 21CFR181.22.



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# Contact Information

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**Soypex™ Sample Requests:**

Email [info@galatachemicals.com](mailto:info@galatachemicals.com) or complete an online form at [www.galatachemicals.com](http://www.galatachemicals.com).

## [www.galatachemicals.com](http://www.galatachemicals.com)

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