



## SynKos Wax: High Melt Point Series

# INTRODUCTION

The high melt point series of SynKos products are comprised of white, synthetic waxes with unique gelling, texturizing and thermal capabilities. SynKos waxes are synthetic hydrocarbon polymers manufactured by GTL (gas-to-liquid) technology from natural gas. They can function like petroleum-based hydrocarbons, while being more consistent and offering a lower cost.

### Formulation Guidelines

SynKos Waxes are used as gelling agents, thickeners, viscosity modifiers, and barriers. They are also used to modify hardness, slip and melting point. These products have compatibility with many cosmetic systems.

SYNKOS	2070	2080	2085	2590
Generic Melting Pt*	90°C	100°C	105°C	115°C
Increase Pay-off	●			
Increase Melt point	●	●	●	●
Primary Structurant	●	●	●	●
Gelling Agent	●	●	●	●
Increased Creaminess	●			
Film Former	●	●	●	●
Polyethylene Replacment		●	●	
Petrochemical Replacement	●			
Slip Aid	●			

## HOW TO CHOOSE

Each SynKos wax has its own chemistry and therefore different gel strengths in cosmetic fluids, esters and oils. They also have distinctly higher melt points than traditional waxes. Formulators should analyze the chemistries in their project and review provided gel data. The congeal points of each wax will also help determine which SynKos is right for each formula.

### No Regulatory Challenges

*SynKos Waxes* offer the formulator another choice of chemistry and INCI designation from both petrochemical waxes and polyethylene.

**INCI Name:**  
Synthetic Wax

**Manufactured:**  
Watertown, Connecticut, USA

**Usage Levels:** 1-50%

