

TITANEL

A High-Performance Synthetic Hard Wax
for Body Care and Cosmetics



SASOL

SHEER AND INNOCENT

Our SHEER AND INNOCENT product range contains safe solutions for your cosmetic applications. When it comes to body care, customers aren't willing to compromise—they want the best. They seek purity, safety and exceptional performance in beauty products – for body and peace of mind. The innovative raw materials we use in the SHEER AND INNOCENT portfolio fulfil all these requirements.

A sheer solution for innovative and high-performance body care and stick applications

TITANEL is the best alternative hard wax in Sasol's SHEER AND INNOCENT range for the formulation of creams, ointments and balms for body, lip- and haircare. It boasts outstanding properties in all stick applications.

It forms stable oil gels and improves the oil binding capacity with many other widely used cosmetic components and in particular with linear silicones, which are irreplaceable when it comes to innovative haircare products.

Obtained through dedicated synthesis under controlled conditions, its stable physical properties promote effective stable crystallisation, proper film formation and gloss, which are important for all stick applications, including antiperspirants, deodorants and Lipsticks.

TITANEL physicals data, the melting range close to 80 °C, its hardness and molecular structure reveal controlled melting behaviour, ensuring easy and repeatable processes and performance. **TITANEL** stabilises emulsions and improves temperature resistance, even in sunscreen formulations and severe temperature conditions.



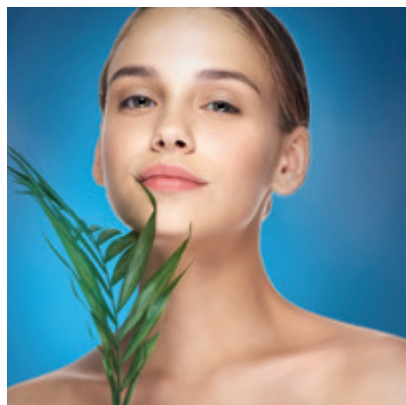
Approvals, Facts & Figures

- Compliant with EU Cosmetics Regulation
- Compliant with FDA 21 CFR 175.250
- CAS no.: 8002-74-2
- Contains no preservatives or antioxidants
- Shelf life: 5 years*
- Form: pastilles

INCI: Synthetic Wax



BHT free
No additives
No antioxidants
No preservatives



*shelf life up to 20 years possible

Benefits at a Glance

Synthetic Hard Wax

- Effective crystallisation for reliable stick production processes
- Film formation, gloss, oil binding and temperature stability enhancement in formulations
- Emulsion stability
- Formation of stable oil gels with linear silicones
- Odourless, inert and neutral, un-polar excipient
- No allergens

A safe product for Cosmetics

TITANEL is derived from natural gas. Unlike natural products, purpose-made synthetic products possess maximum purity. By combining the latest technology, high performance and purity, we make sure that **TITANEL** is the right choice for every aspect of your requirements.

Typical Product Data

TITANEL	Unit	Specification
Congealing point	°C	80–85
Needle penetration	mm/10 [@ 25 °C]	4–9
Drop point	°C	93.0 max
Viscosity	mm ² /s [100 °C]	9.8 typ.
Saybolt colour		20–30
Appearance		White, colourless

Please feel free to ask us for any information such as regulatory status, samples, MSDSs, etc.

AT YOUR SERVICE

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Source reference

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