

# ProductData



## Wax - Microcrystalline Microcrystalline Waxes



Koster Keunen, LLC

*Waxes of Superior Quality Since 1852*

Authorized Distributor:

### Description:

Microcrystallines are amorphous-like in appearance, flexible, have higher tensile strength than paraffin, more

adhesion than paraffin, are less oily, and typically have a higher melting point than paraffin.

Note: Specific product application recommendations are available on request.

### TYPICAL PROPERTIES:

#### Composition:

The molecular weights of commercial micros are between 580 - 700 g/m with the average molecule containing 41 - 50 carbon atoms. There are straight-chain molecules present, but the largest proportions of molecules are branched chain hydrocarbons.

#### Chemical Properties:

<b>Melting Points:</b>	140 - 199° F	<b>Flash Point:</b>	> 425° F
<b>Penetration @ 25°C</b>	5 - 60	<b>Saponification Value:</b>	0 - 2
<b>Specific Gravity:</b>	0.90 - 0.94	<b>Acid Value:</b>	0 - 0.2
<b>Viscosity @210°F</b>	50 - 100	<b>Iodine Number:</b>	0 - 1.5

#### Compatibility:

Micros are compatible in all proportions with other mineral waxes and their oils, most vegetable waxes and their oils, esters and their oils and resins.

#### Uses:

Pill coatings, sustained release, ointments.

#### Toxicology:

Non-toxic, and non-irritating (skin & eyes).

#### Regulatory Information:

**FDA Approved;** NF Pharmacopeia & 21 CFR 172.886 (safe in or on food).

**EINECS#:** 264-038-1

**CTFA/INCI Name:** Microcrystalline wax.

**CAS#:** 63231-60-7

**TSCA**

#### Japanese Name/Source:

Microcrystalline Wax / JSCI-II-460 & JACT-3 (3) 1984

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