**PRODUCT SPECIFICATIONS**

Floratech® Headquarters: 291 E. El Prado Court • Chandler, Arizona 85225 • +1 480 545 7000

Product Name: Florasomes® Jojoba Standard Sizes, Additive & Colors
Botanical Origin: Simmondsia chinensis
Description: Soft microspheres
Particle Size (approximate): SMS or SMH (300-700 microns), MDS or MDH (800-1200 microns), LGS or LGH (1300-1700 microns)
Product Code: F1S / (Particle Size Code) / (Additive Code) / (Color Code)

<table>
<thead>
<tr>
<th>Specification</th>
<th>Method</th>
<th>Units</th>
<th>Range</th>
<th>Min</th>
<th>Max</th>
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<tr>
<td>Odor</td>
<td>TW71</td>
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<td>Typical</td>
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<td>Absence of Microbial Contamination</td>
<td>TW26</td>
<td>CFU/g</td>
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**Composition by INCI Name**

- Jojoba Esters
- Pigment - See below for specific composition based on color

**Standard Additive**

- Tocopheryl Acetate (Vitamin E)

**Additive Code**

- XE10

**Color** | **Color Code** | **Pigment (INCI Name)**
---|---|---
Apache Rose | 20N | Red 30 (and) Talc (0.5-2%)
Arizona Sky | 49N | Titanium Dioxide (0.1-0.5%), Blue 1 Lake (0.05-0.5%), Yellow 5 Lake (0.01-0.1%)
Brick Red | 76N | Iron Oxides (1-2%)
Burnt Orange | 68N | Iron Oxides (0.1-1%), Red 30 (and) Talc (0.1-1%)
Cafe Ole | 34N | Iron Oxides (0.1-1%)
Desert Rose | 23N | Red 30 (and) Talc (0.01-0.5%), Ferric Ferrocyanide (0.01-0.3%)
Evergreen | 66N | Chromium Oxide Greens (1-3%)
Iron Blue | 48N | Ferric Ferrocyanide (0.5-2%)
Jade | 31N | Chromium Hydroxide Green (1-4%)
Jasmine | 55N | Ultramarines (0.1-2%), Red 30 (and) Talc (0.1-1%)
Lapis | 11N | Ultramarines (1-4%)
Maize | 64N | Iron Oxides (0.1-1%)
Merlot | 81N | Red 30 (and) Talc (0.1-2%), Ferric Ferrocyanide (0.01-0.5%)
Oasis Verde | 30N | Chromium Hydroxide Green (0.1-0.5%), Yellow 5 Lake (0.01-0.5%), Ferric Ferrocyanide (0.001-0.01%)
Onyx | 51N | Iron Oxides (1-2%)
Sapphire | 78N | Ferric Ferrocyanide (0.1-1%)
Sunburst Orange | 45N | Red 30 (and) Talc (0.1-1%), Yellow 5 Lake (0.1-1%)
Tequila Sunrise | 26N | Red 30 (and) Talc (0.1-1%), Iron Oxides (0.01-0.1%)
Tiger Lily | 58N | Titanium Dioxide (0.5-1.5%), Red 30 (and) Talc (0.1-1%), Yellow 5 Lake (0.1-1%)
Topaz | 41N | Yellow 5 Lake (0.1-1%)
White (Natural) | 05N | None

* Pigment loading (approx. wt. %) may vary slightly to maintain consistent color.

Some pigments may be unstable in low pH solutions or when exposed to concentrated chemicals such as acids, alkali, and surfactants. Floratech recommends that all formulas are tested for color stability.

**Shelf Life/Retest Interval:** 1 year

Specification properties are verified on every product lot. Revision Date: September 2015

Product samples are exempt from warranties. Revision Level: c

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