



PRODUCT SPECIFICATIONS

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a **Cargill** company



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)

<u>Specification</u>	<u>Method</u>	<u>Units</u>	<u>Range</u>	
			<u>Min</u>	<u>Max</u>
Odor	TW71			Typical
Absence of Microbial Contamination	TW26	CFU/g	0	100
Dropping Point	TW68	°C	50	---
<u>Composition by INCI Name</u>			<u>Approx. Wt. %*</u>	
Jojoba Esters			Remainder	
Pigment - See below for specific composition based on color			See below	
<u>Standard Additive</u>		<u>Additive Code</u>		
Tocopheryl Acetate (Vitamin E)		XE10		10

<u>Color</u>	<u>Color Code</u>	<u>Pigment (INCI Name)</u>
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. Floritech recommends that all formulas are tested for color stability.

Shelf Life/Retest Interval: 1 year

Specification properties are verified on every product lot.
Product samples are exempt from warranties.

Revised Date: August 2021 Revision Level: d
TW Method: Floritech Methods

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