

PRODUCT SPECIFICATIONS**CQV Co., Ltd.**

Product Name: CQV PEARL PIGMENT
Trade Name: Chaos[®] Oriental Gold C-605S
Manufacturer: CQV Co., Ltd.
 144, Seongjung-Ro, Jincheon-Eup, Jincheon-Gun, Chungbuk-Do, Korea
 Tel. 82-43-531-2500, Fax. 82-43-536-0314
Date Prepared: August 7th, 2017

1. Appearance: Lustrous Yellowish, Free-flowing Powder

2. Ingredients and Composition

Ingredients	Composition	By Weight (%)			CAS No.	EINECS
Synthetic Fluorophlogopite	KMg ₃ AlSi ₃ O ₁₀ F ₂	50	-	60	12003-38-2	234-426-5
Tin Oxide	SnO ₂	1	-	3	18282-10-5	242-159-0
Titanium Dioxide	TiO ₂	26	-	36	13463-67-7	236-675-5
Iron Oxide	Fe ₂ O ₃	9	-	15	1309-37-1	215-168-2

3. Particle Size (μm):	Mean Diameters	D10	-	D90	(By Malvern Mastersizer 2000S)
		9	-	45	

4. pH: 5.0 - 10.0 (10% Aqueous Suspension)

5. Loss on Drying: 0.5 % max.

6. Loss on Ignition: 0.5 % max.

7. Density (g/cm₃): 2.8 - 3.2

8. Oil Absorption (g/100g): 38 - 58

9. Acid Soluble Substances: 2.0 % max.

10. Trace Elements:	Mercury (Hg)	1 ppm max.	IEC 62321
	Lead (Pb)	10 ppm max.	
	Cadmium (Cd)	1 ppm max.	
	Hexavalent Chromium(Cr ⁶⁺)	5 ppm max.	