

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

Product Name: CQV PEARL PIGMENT
Trade Name: Chaos[®] Island Gold C-607S
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 11th, 2017

1. Appearance: Lustrous Yellowish, Free-flowing Powder

2. Ingredients and Composition

Ingredients	Composition	By Weight (%)			CAS No.	EINECS
Synthetic Fluorophlogopite	$KMg_3AlSi_3O_{10}F_2$	50	-	60	12003-38-2	234-426-5
Tin Oxide	SnO_2	1	-	3	18282-10-5	242-159-0
Titanium Dioxide	TiO_2	33	-	43	13463-67-7	236-675-5
Iron Oxide	Fe_2O_3	3	-	7	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): 2.9 - 3.3

8. Oil Absorption (g/100g) 39 - 59

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.	