

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

<b>Product Name:</b>	<b>CQV PEARL PIGMENT</b>					
<b>Trade Name:</b>	<b>Chaos<sup>®</sup> Splendor Gold C-701K</b>					
<b>Manufacturer:</b>	<b>CQV Co., Ltd.</b> 144, Seongjung-Ro, Jincheon-Eup, Jincheon-Gun, Chungbuk-Do, Korea Tel. 82-43-531-2500, Fax. 82-43-536-0314					
<b>Date Prepared:</b>	Rev. 2, February 18th, 2013					
<b>1. Appearance:</b>	Brilliant Silver White, Free-flowing Powder					
<b>2. Ingredients and Composition</b>						
Ingredients	Composition	By Weight (%)			CAS No.	EINECS
Synthetic Fluorophlogopite	$\text{KMg}_3\text{AlSi}_3\text{O}_{10}\text{F}_2$	44	-	55	12003-38-2	234-426-5
Tin Oxide	$\text{SnO}_2$	0	-	1	18282-10-5	242-159-0
Titanium Dioxide	$\text{TiO}_2$	45	-	55	13463-67-7	236-675-5
<b>3. Particle Size (<math>\mu\text{m}</math>):</b>	Mean Diameters	D10	-	D90	(By Malvern Mastersizer 2000S)	
		5	-	35		
<b>4. pH:</b>	5.0 - 10.0			(10% Aqueous Suspension)		
<b>5. Loss on Drying:</b>	0.5 % max.					
<b>6. Loss on Ignition:</b>	0.5 % max.					
<b>7. Density (g/cm<sub>3</sub>)</b>	3.2 - 3.4					
<b>8. Oil Absorption (g/100g)</b>	55 - 75					
<b>9. Acid Soluble Substances:</b>	2.0 % max.					
<b>10. Trace Elements:</b>	Mercury (Hg)			1 ppm max.		IEC 62321
	Lead (Pb)			10 ppm max.		
	Cadmium (Cd)			1 ppm max.		
	Hexavalent Chromium( $\text{Cr}^{6+}$ )			5 ppm max.		