

# PRODUCT SPECIFICATIONS



**CQV Co., Ltd.**

<b>Product Name:</b>	<b>CQV PEARL PIGMENT</b>
<b>Trade Name:</b>	<b>Chaos<sup>®</sup> Bright Gold C-601S</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>	Lustrous Yellowish, Free-flowing Powder
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## 2. Ingredients and Composition

Ingredients	Composition	By Weight (%)			CAS No.	EINECS
Synthetic Fluorophlogopite	$KMg_3AlSi_3O_{10}F_2$	35	-	52	12003-38-2	234-426-5
Titanium Dioxide	$TiO_2$	34	-	44	13463-67-7	236-675-5
Tin Oxide	$SnO_2$	0	-	1	18282-10-5	242-159-0
Iron Oxide	$Fe_2O_3$	14	-	20	1309-37-1	215-168-2

<b>3. Particle Size (<math>\mu m</math>):</b>	Mean Diameters	D10	-	D90	(By Malvern Mastersizer 2000S)
		9	-	45	

<b>4. pH:</b>	5.0 - 10.0	(10% Aqueous Suspension)
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<b>5. Loss on Drying:</b>	0.5 % max.
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<b>6. Loss on Ignition:</b>	0.5 % max.
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<b>7. Density (g/cm<sub>3</sub>):</b>	3.2 - 3.6
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<b>8. Oil Absorption (g/100g):</b>	50 - 70
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<b>9. Acid Soluble Substances:</b>	2.0 % max.
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<b>10. Trace Elements:</b>	Mercury (Hg)	1 ppm max.	IEC 62321
	Lead (Pb)	10 ppm max.	
	Cadmium (Cd)	1 ppm max.	
	Hexavalent Chromium( $Cr^{6+}$ )	5 ppm max.	