

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

<b>Product Name:</b>	<b>CQV PEARL PIGMENT</b>
<b>Trade Name:</b>	<b>Reflex™ Arcane Russet R-660F</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. 1, February 18th, 2013

<b>1. Appearance:</b>	Reddish, Free-flowing Powder
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**2. Ingredients and Composition**

Ingredients	Composition	By Weight (%)	CAS No.	EINECS
Synthetic Fluorophlogopite	$\text{KMg}_3\text{AlSi}_3\text{O}_{10}\text{F}_2$	35 - 45	12003-38-2	234-426-5
Iron Oxide	$\text{Fe}_2\text{O}_3$	55 - 65	1309-37-1	215-168-2

<b>3. Particle Size (<math>\mu\text{m}</math>):</b>	Mean Diameters	D10	-	D90	(By Malvern Mastersizer 2000S)
		2	-	13	

<b>4. pH:</b>	7.0 - 11.0	(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 (<math>\text{g}/\text{cm}_3</math>)</b>	3.7 - 3.9
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<b>8. Oil Absorption (<math>\text{g}/100\text{g}</math>)</b>	36 - 56
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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)	5 ppm max.	
	Hexavalent Chromium( $\text{Cr}^{6+}$ )	5 ppm max.	