

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

<b>Product Name:</b>	<b>CQV PEARL PIGMENT</b>
<b>Trade Name:</b>	<b>Reflex™ Sparkle White N-801E</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. 4, December 14th, 2015

<b>1. Appearance:</b>	Sparkle Silver White, Free-flowing Powder
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<b>2. Ingredients and Composition</b>
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Ingredients	Composition	By Weight (%)	CAS No.	CI No.
Mica	$K_2O \cdot 3Al_2O_3 \cdot 6SiO_2 \cdot 2H_2O$	75 - 86	12001-26-2	77019
Tin Oxide	$SnO_2$	0 - 1	18282-10-5	77861
Titanium Dioxide	$TiO_2$	14 - 24	13463-67-7	77891

<b>3. Particle Size (<math>\mu m</math>):</b>	Mean Diameters	D10	-	D90	(By Malvern Mastersizer 2000S)
		18	-	102	

<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>	2.0 % max.
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<b>7. Density (<math>g/cm^3</math>)</b>	2.6 - 3.0
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<b>8. Oil Absorption (g/100g)</b>	65 - 85
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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.	