

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

<b>Product Name:</b>	<b>CQV PEARL PIGMENT</b>				
<b>Trade Name:</b>	<b>Axion<sup>®</sup> Ultra Nova Silver AX-991H</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, December 14th, 2015				
<b>1. Appearance:</b>	Sparkling Grayish, Free-flowing Powder				
<b>2. Ingredients and Composition</b>					
Ingredients	Composition	By Weight (%)		CAS No.	EINECS
Calcium Titanium Borosilicate	-	79 - 90		65997-17-3	266-046-0
Tin Oxide	SnO <sub>2</sub>	0 - 1		18282-10-5	242-159-0
Silver	Ag	10 - 20		7440-22-4	231-131-3
<b>3. Particle Size (μm):</b>	Mean Diameters	D10	-	D90	(By Malvern Mastersizer 2000S)
		60	-	600	
<b>4. pH:</b>	7.0 - 11.0			(10% Aqueous Suspension)	
<b>5. Loss on Drying:</b>	0.5 % max.				
<b>6. Loss on Ignition:</b>	2.0 % max.				
<b>7. Density (g/cm<sup>3</sup>)</b>	2.6 - 3.0				
<b>8. Acid Soluble Substances:</b>	2.0 % max.				
<b>9. Trace Elements:</b>	Mercury (Hg)			1 ppm max.	
	Lead (Pb)			10 ppm max.	
	Cadmium (Cd)			1 ppm max.	
	Hexavalent Chromium(Cr <sup>6+</sup> )			5 ppm max.	
<b>*Note:</b>	Do not use in the condition of above 650 °C.				

IEC 62321