

PRODUCT SPECIFICATIONS



CQV Co., Ltd.

Product Name:	CQV PEARL PIGMENT
Trade Name:	Skolor® Misty Gold 7061S
Manufacturer:	CQV Co., Ltd. 144, Seongjung-Ro, Jincheon-Eup, Jincheon-Gun, Chungbuk-Do, Korea Tel. 82-43-531-2500, Fax. 82-43-536-0314
Date Prepared:	Rev. 2, February 18th, 2013

1. Appearance:	Brilliant grayish-yellow, Free-flowing Powder
-----------------------	---

2. Ingredients and Composition					
Ingredients	Composition	By Weight (%)		CAS No.	EINECS
Synthetic Fluorophlogopite	KMg ₃ AlSi ₃ O ₁₀ F ₂	50	- 61	12003-38-2	234-426-5
Tin Oxide	SnO ₂	0	- 1	18282-10-5	242-159-0
Titanium Dioxide	TiO ₂	37	- 46	13463-67-7	236-675-5
Carmine	Carmine	1.5	- 2.0	1390-65-4	215-724-4
Ferric Ferrocyanide	Fe ₄ [Fe(CN) ₆] ₃	0.5	- 1.0	14038-43-8	237-875-5

3. Particle Size (μm):	Mean Diameters	D10	-	D90	(By Malvern Mastersizer 2000S)
		9	-	50	

4. pH:	4.0 - 8.0	(10% Aqueous Suspension)
---------------	-----------	--------------------------

5. Loss on Drying:	2.0 % max.
---------------------------	------------

6. Trace Elements:	Mercury (Hg)	1 ppm max.	EU/FDA
	Arsenic (As)	1 ppm max.	
	Lead (Pb)	3 ppm max.	
	Cadmium (Cd)	1 ppm max.	
	Barium (Ba)	30 ppm max.	
	Antimony (Sb)	1 ppm max.	
	Copper (Cu)	30 ppm max.	
	Chromium (Cr)	30 ppm max.	
	Nickel (Ni)	50 ppm max.	
	Zinc (Zn)	40 ppm max.	

7. Microorganisms:	50 CFU/g max.	No Pathogens
---------------------------	---------------	--------------

8. Handling and Storage:	Take care of dust free Store in dry & well ventilated area or in the general chemical warehouse. See MSDS
---------------------------------	---

*Note:	1) This product 7061S contains carmine(CI No. 75470) which is partially soluble above pH 7 and unstable under high temperature. Therefore this product should not be heated above 110 °C(230 °F) 2) This product 7061S contains ferric ferrocyanide(CI No. 77510) which is unstable to alkali and some salts. Therefore this product should not be used in alkaline formulations, and should not be used with ethylene oxide for microbial sterilization.
---------------	--