

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

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|---|---|---------------|---|--------------------------|--------------------------------|-----------|
| Product Name: | CQV PEARL PIGMENT | | | | | |
| Trade Name: | Multiorora[®] Dazzling Gold M-701S | | | | | |
| 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. 1, February 18th, 2013 | | | | | |
| 1. Appearance: | Fine Silk White, Free-flowing Powder | | | | | |
| 2. Ingredients and Composition | | | | | | |
| Ingredients | Composition | By Weight (%) | | | CAS No. | EINECS |
| Synthetic Fluorophlogopite | $\text{KMg}_3\text{AlSi}_3\text{O}_{10}\text{F}_2$ | 56 | - | 67 | 12003-38-2 | 234-426-5 |
| Tin Oxide | SnO_2 | 0 | - | 1 | 18282-10-5 | 242-159-0 |
| Titanium Dioxide | TiO_2 | 33 | - | 43 | 13463-67-7 | 236-675-5 |
| 3. Particle Size (μm): | Mean Diameters | D10 | - | D90 | (By Malvern Mastersizer 2000S) | |
| | | 6 | - | 45 | | |
| 4. pH: | 4.0 - 9.0 | | | (10% Aqueous Suspension) | | |
| 5. Loss on Drying: | 2.0 % max. | | | | | |
| 6. Loss on Ignition: | 1.0 % max. | | | | | |
| 7. Density (g/cm₃) | 2.7 - 2.9 | | | | | |
| 8. Oil Absorption (g/100g) | 38 - 58 | | | | | |
| 9. Acid Soluble Substances: | 2.0 % max. | | | | | |
| 10. Trace Elements: | Mercury (Hg) | | | 1 ppm max. | | IEC 62321 |
| | Lead (Pb) | | | 10 ppm max. | | |
| | Cadmium (Cd) | | | 1 ppm max. | | |
| | Hexavalent Chromium(Cr^{6+}) | | | 5 ppm max. | | |