



**chrysanthos**  
COLOR COMPANY LIMITED

# **Raw Materials & Other Products Catalogue**

**1<sup>st</sup> March 2018**

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**C**hrysanthos is a western owned Chinese Company committed to the development, manufacture and/or supply of a wide range of high quality products and raw materials.

### **- Products -**

**T**he products we supply may be either finished products or raw materials. The raw materials being sourced from within China in most cases from ISO accredited manufacturers.

The range of products and raw materials available is not limited to any particular application or industry and new items are constantly being added.

### **- Quality Control -**

**C**hrysanthos using its knowledge and expertise in quality control ensures that all products and raw materials sourced and supplied meet the most stringent quality requirements.

### **- Product Packaging & Labelling -**

**P**roducts are packed in a variety of configurations depending on requirements and always labelled according to internationally recognised standards.

In some cases, products may also be labelled with foreign language labels.

### **- Product Safety -**

**S**DS are available for all raw materials sold. These are based on analytical tests of raw materials and/or information provided by the various manufacturers.

### **- Product Pricing -**

**C**hrysanthos prices products and raw materials very competitively, however we will not compromise quality for price alone.

### **- Technical Support -**

**C**hrysanthos through its technical staff and strong liaison with the manufacturers offers full pre and post sales technical support.

### **- Distribution -**





**C**hrysanthos markets raw materials and products through quality distributors world wide.

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# ULTRA STAINS

Chrysanthos ultra stains are a selection of glaze stains sourced from the premier stain manufacturers in China. All of the stains conform to western standards in terms of quality, performance and safety.

The ultra stains disperse very easily without the need for ball milling and come in 100g, 500g, 1kg, 10kg and 25kg pack sizes.

CODE	NAME	COLOR	FORMULA	TEMP °C
US113	BLACK		CoCrFeNi	999-1305
US096	BLUE I		CoAl	999-1305
US107	BLUE II		CoSi	999-1305
US105	BROWN		CrFeZnAl	999-1305
US106	CHOCOLATE		CdSeZrSiCoCrFeNi	999-1305
US051	CRIMSON		CrSnSiCa	999-1222
US111	DARK GREY		SbSn	999-1305
US079	GREEN		Cr	999-1305
US101	LAVENDER		CrSnSiCaCo	999-1222
US076	LIME GREEN		CdZrSiCoCrZn	999-1305
US018	ORANGE		CdSeZrSi	999-1305
US035	PEACH		ZrSiFe	999-1263
US073	PEACOCK		CoCrAlZn	999-1263
US041	PINK		CrSnSiCa	999-1222
US033	RED I		CdSeZrSi	999-1305
US034	RED II		CdSeZrSi	999-1305
US085	TURQUOISE		VZrSi	999-1263
US048	VIOLET		CrSn	999-1222
US008	YELLOW I		PrZrSi	999-1263
US009	YELLOW II		PrZrSi	999-1263
US006	YELLOW III		CdZrSi	999-1305

## Notes:

















1. Colors are reproductions only.
2. SDS are available upon request or from website.

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## ON GLAZE COLORS

Chrysanthos On Glaze colors are sourced from premier manufacturers in China. All of the On Glaze colors conform to western standards in terms of quality, performance and safety.

The On Glaze colors are all lead free and disperse very easily in oil based or water based medium and are available in 100g, 500g and 1 kg pack sizes.

CODE	NAME	COLOR	TEMP
OG113	BLACK		750-800
OG096	BLUE I		750-800
OG107	BLUE II		750-800
OG105	BROWN		750-800
OG051	CRIMSON		750-800
OG111	DARK GREY		750-800
OG079	GREEN		750-800
OG018	ORANGE		750-800
OG035	PEACH		750-800
OG073	PEACOCK		750-800
OG041	PINK		750-800
OG033	RED		750-800
OG085	TURQUOISE		750-800
OG048	VIOLET		750-800
OG001	WHITE		750-800
OG006	YELLOW		750-800

### Notes:

1. Colors are reproductions only.
2. SDS are available upon request or from website.

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## CERAMIC FRITS

Chrysanthos ceramic frits are sourced from the premier frit manufacturers in China. All of the frits conform to western standards in terms of quality, performance and safety.

Full specification of the frits is available upon request and the frits are available in 1kg, 10kg and 25kg sizes.

CODE	DESCRIPTION	COE X 10 <sup>-7</sup>	SOFT POINT °C	FIRING RANGE °C
FR001	WHITE OPAQUE FRIT (Zr)	66	750	980 – 1,030
FR002N	LOW EXPANSION CLEAR FRIT	70	-	960 – 1,000
FR003	HIGH EXPANSION FRIT	112	565	900 – 950
FR004	LEAD BISILICATE	79	552	850 – 900
FR005	HIGH BORON FRIT	-	-	980 – 1,080

### Notes:

1. SDS are available upon request or from website.
2. Frits are milled to between 200 and 250 mesh.

# CLAYS

Chrysanthos supplies a range of fired and air drying clays which are sourced from premier manufacturers in China.

## Fired Clay

Chrysanthos clays are manufactured to be the finest clays available. Each batch of clay is quality tested to ensure consistency for ease of use between batches.



All clay is moisture controlled, pugged, de-aired and cut into 15 cm diameter x 40 cm long pugs and packed into 50 kg bags. Some of the clays can be extruded in 10 kg blocks and packed for a small additional charge.

		
<b>Pugged Clay</b>	<b>Bagged Clay 50kg</b>	<b>Block Clay 10kg</b>

CODE	DESCRIPTION	FIRING TEMP °C
CL001	WHITE EARTHENWARE CLAY	1,020 – 1,080
CL002	WHITE MID FIRE CLAY	1,100 – 1,250
CL010	WHITE PORCELAIN CLAY	1,280 – 1,320

## Air Drying Paper Clay

Chrysanthos air drying paper clays have been tested for safety according to EN71 and are classified as non toxic. The clays are suitable for use by children starting at 4 years of age. The clay is available in white and comes in 500 gram packs.

	
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### Notes:

1. SDS are available upon request or from website.

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## RAW MATERIALS

Chrysanthos raw materials are selected from manufacturers that in most instances are ISO accredited and have a reputation for being able to deliver quality products consistently.

Full specifications of the raw materials are available upon request and the raw materials come in varying pack sizes between 1kg, 10kg and 25kg.

CODE	DESCRIPTION	SIZE	PURITY
RM002	BARIUM CARBONATE	-	99.5%
RM003	BENTONITE	-	-
RM001	CALCINED ALUMINA	44 um	-
RM005	CALCIUM CARBONATE	10 um	99%
RM034	COBALT CARBONATE	-	~ 46.2%
RM006	COBALT OXIDE	-	72 – 74%
RM007	COPPER CARBONATE	74 um	> 55%
RM036	COPPER OXIDE	-	> 98%
RM028	KAOLIN	-	-
RM030	LITHIUM CARBONATE	74 um	-
RM023	MEDIUM POWDER	-	-
RM010	POTASH FELDSPAR	44 um	-
RM043	RUTILE	-	-
RM026	SILICA 400	37 um	100%
RM037	STRONTIUM CARBONATE	-	-
RM029	TIN OXIDE	-	98%
RM012	ZINC OXIDE	-	-
RM013	ZIRCONIUM SILICATE	-	-

### Notes:

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## ADDITIVES

Chrysanthos additives are selected from manufacturers that in most instances are ISO accredited and have a reputation for being able to deliver quality products consistently.

Specifications of additives are available upon request and the additives come in varying pack sizes.

CODE	DESCRIPTION	SIZE	PURITY
AD002	DISPERSANT CDA	-	-
AD001	SODIUM SILICATE	-	-

### Notes:

1. SDS are available upon request or from website.