

信为基 诺为本

中国搪瓷瓷釉色素主要制造商和出口基地
Important producer and exporter of enamel frits
and inorganic color oxides in China

提供搪瓷厂釉彩工艺一站式技术解决方案
One-stop technical solution provider for the application
of enamel glazes and pigments in factory



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湖南信诺颜料科技有限公司是一家专业生产搪瓷瓷釉、搪瓷颜料、搪瓷静电粉、搪瓷预磨粉和其他高档精细无机颜料的高新技术企业。

公司产品广泛应用于搪瓷、陶瓷、高温涂料、家用电器、厨房用品及环境保护等领域。产品畅销全国二十多个省、市、自治区，并出口欧洲、美洲、亚洲、及中东、非洲等地，是中国重要的搪瓷瓷釉和无机颜料的生产及出口基地。

我们严格按照ISO9001:2015国际质量管理体系标准实施质量管理，并以一流的生产设备，一流的专业技术，生产一流的产品，为客户提供完善的服务。

我们的质量方针是：**诚信守诺、精心制造、专业品质、完善服务**。我们十分重视环境保护，拥有先进的废水、废气处理技术和装置，所有废水，废气和工业固废都达到国家标准排放，我们的目标是建设环境友好型企业。

热忱欢迎国内外朋友与本公司开展科技学术交流，进行互惠合作与经贸活动，携手共进，共同发展。



SINOPIGMENT & ENAMEL CHEMICALS LTD is a high-tech enterprise, which specializes in research, development, manufacturing and sales of enamel frits, enamel color oxides and other high-grade fine inorganic color oxides, its products are widely used in enamelware, high-temperature coatings, household appliances, kitchen supplies and environmental protection industries.

We are an important producer and exporter of enamel frits and inorganic color oxides not only in China, but also in Europe, United states, Asia and Africa. And our manufacturing process strictly follows ISO9001:2015 standard to ensure our best quality and service. We are an environment-friendly enterprise and we have equipped with advanced waste gas, waste water and industrial solid waste treatment plant.

We are looking forward to your visit.



搪瓷颜料

Enamel Color Oxides

本公司生产的无机颜料具有耐高温、着色力强、颜色鲜艳、质量稳定、用途广泛等特点。主要适用于日用搪瓷、工业搪瓷、搪瓷贴花纸、建筑珐琅板、日用玻璃、工业玻璃、永久性色标和远红外材料、粉末涂料等行业，产品性能优越，品种齐全。

Sino's products are noted for high temperature resistance, high tinting power, bright color and high quality. They're mainly used in enamel for daily use and industry, decal paper, enamel panel, glass for daily use and industry, permanent color code, far infrared material and powder coating.

产品品种 Product Variety

编号 Code No.	品名 Name	化学成分 Composition	色标 Color
SEP101	镉黄 Cadmium Yellow	Cd-Zn-S	
SEP102	镉黄 Cadmium Yellow	Cd-S	
SEP106	柠檬黄 Lemon Yellow	Cd-Zn-Ba-S-O	
SEP110	镉桔黄 Cadmium Orange	Cd-Zn-Se-S	
SEP112	奶黄 Creamy Yellow	Pb-Sb-Zn	
SEP531	锑钛黄 Sb-Ti Yellow	Sb-Ti	
SEP532	镍钛黄 Ni-Ti Yellow	Ni-Ti	
SEP533	锑锆黄 Sb-Zr Yellow	Sb-Zr	
SEP120	镉桔红 Orange Red	Cd-Zn-Se-S	
SEP121	深镉红 Cadmium Red	Cd-Se-S	
SEP122	镉红 Cadmium Red	Cd-Se-S	
SEP123	紫镉红 Dark Cadmium Red	Cd-Se-S	
SEP125	大红 Cadmium Red	Cd-Se-S	
SEP142	桃红 Pink	Cr-Sn-Si-Ca	
SEP143	搪瓷红 Enamel Red	Cr-Sn-Si-Ca	
SEP145	紫丁香 Purple	Cr-Sn-Si	
SEP150	上青 Royal Blue	Co-Si	
SEP151	天蓝 Sky Blue	Co-Cr-Zn-Al	
SEP152	蓝绿 Blue Green	Co-Cr-Zn-Al	
SEP153	孔雀绿 Peacock Green	Co-Cr-Zn-Al	
SEP154	钴蓝 Cobalt Blue	Co-Zn-Al	
SEP155	翠绿 Jade Green	Co-Cr-Zn-Al-Cd-S	

编号 Code No.	品名 Name	化学成分 Composition	色标 Color
SEP156	绿色素 Green	Co-Cr-Zn-Al	
SEP157	深绿 Dark Green	Co-Cr-Al	
SEP158	墨绿 Blackish Green	Co-Cr-Zn-Al	
SEP159	果绿 Apple Green	V-Pr-Zr-Si	
SEP160	玛瑙蓝 Maroon Blue	Co-Cr-Zn-Al	
SEP161	钻石蓝 Jewel Blue	Co-Cr-Zn-Al	
SEP162	深蓝 Dark Blue	Co-Cr-Zn-Al-Ni	
SEP171	咖啡 Brown	Fe-Cr-Zn	
SEP171B	浅咖啡 Pale Brown	Fe-Cr-Zn	
SEP172	锡锡灰 Sb-Sn Grey	Sb-Sn	
SEP173	深灰 Dark Grey	Sb-Sn	
SEP174	锆灰 Zr Grey	Zr-Si-Co-Ni	
SEP175	银灰 Silver Grey	Co-Ni-Si	
SEP181	铬绿 Cr Green	Cr-O	
SEP182	橄榄绿 Oliver Green	Co-Cr-Zn-Al-Pb-Sb	
SEP8190	铜铬黑 Copper Chrome black	Cr-Cu-Zn-Mo-Mn	
SEP8196	铜铬黑 Copper Chrome black	Cr-Cu-Zn-Mo-Mn	
SEP191	搪瓷黑 Black	Fe-Cr-Cu-Mn	
SEP192	搪瓷黑 Black	Fe-Cr-Cu-Mn	
SEP192A	搪瓷黑 Black	Fe-Cr-Cu-Mn	
SEP193	钴黑 Cobalt Black	Fe-Cr-Cu-Co	
SEP194	高钴黑 Cobalt Black	Fe-Cr-Cu-Co	
SEP195	高钴黑 Cobalt Black	Fe-Cr-Cu-Mn	
SEP198	高钴黑 Cobalt Black	Fe-Cr-Cu-Co	
SEP270	红棕 Reddish Brown	Fe-Cr-Zn	
SEP273	茶色 Dark Brown	Fe-Cr-Zn	

注：因纸张印刷不能与颜料真正色调完全符合，请以实物为准。

Note: The color marks shown are only for reference as they may vary from those of the actual products.

技术指标 Technical Specification

项目 Item	105°C挥发性 Volatile at	水溶物(其中镉系颜料) Water soluble matters/Cadmium series	筛余 Residue on sieve	色相 Shade
指标 Specification	≤0.5%	≤0.4%/1.0%	325-mesh≤0.4%max	与标样一致或近似 same or similar to the sample

• 耐高温干复烧搪瓷无机颜料

Resistant High-Temp Dry Refired Inorganic Pigments

本公司生产的耐高温干复烧搪瓷无机颜料具有耐高温、着色力强、颜色鲜艳、质量稳定、高温反复干烧不变色等特点。主要适用于搪瓷炉具及烧烤具着色。

The pigments are high temperature resistance and power, bright color and high quality, especially for non-color change after dry refring in high temperature. They're mainly used in coloring enamel oven and barbecue.

• 产品品种 Product Variety

产品型号 Code	品名 Name	化学成分 Composition	色标 Color
SEP196	高钴黑 Cobalt Black	Co-Cr-Fe-Cu	
SEP199	高钴黑 Cobalt Black	Co-Cr-Fe-Mn-Cu	

注：因纸张印刷不能与颜料真正色调完全符合，请以实物为准。

Note: The color marks shown are only for reference as they may vary from those of the actual products.

• 技术指标 Technical Specification

项目 Item	105°C挥发性 Volatile at	水溶物 Water soluble	筛余 Residue on sieve	600°C-800°C连续干烧25小时 Continuously 25 hours dry firing	色相 Shade
指标 Specification	≤0.5%	≤0.4%	325-mesh≤0.5%max	Non-color change	与标样一致或近似 same or similar to the sample

• 搪瓷底釉/一次涂搪釉

Enamel Ground Coat Frits / One Coating Frits

• 锑钼底釉 Sb-Mo Ground Coat Frit

产品型号 Code	品名 Name	烧成温度 Firing temp(°C)	膨胀系数 (1/°C) EXP.Coefficient 20-150°C
SGC108	高温锑钼底釉 High Temp Sb-Mo Ground Coat Frit	860-900	291.48x10 ⁻⁷
SGC118	中温锑钼底釉 Mid Temp Sb-Mo Ground Coat Frit	800-860	296.90x10 ⁻⁷
SGC128	低温锑钼底釉 Low Temp Sb-Mo Ground Coat Frit	780-860	316.68x10 ⁻⁷

• 镍底釉 Ni Ground Coat Frits

产品型号 Code	品名 Name	烧成温度 Firing temp(°C)	膨胀系数 (1/°C) EXP.Coefficient 20-150°C
SGC102	中温镍底釉 Mid Temp Ni Ground Coat Frit	840-870	302.63x10 ⁻⁷
SGC103	高温镍底釉 High Temp Ni Ground Coat Frit	840-880	293.30x10 ⁻⁷
SGC105	中温镍底釉 Mid Temp Ni Ground Coat Frit	800-860	304.42x10 ⁻⁷
SGC105A	中温镍底釉 Mid Temp Ni Ground Coat Frit	800-860	342.50x10 ⁻⁷
SGC106	高温镍底釉 High Temp Ni Ground Coat Frit	830-900	303.04x10 ⁻⁷
SGC107	低温镍底釉 Low Temp Ni Ground Coat Frit	800-860	308.50x10 ⁻⁷

• 钴镍底釉 Co-Ni Ground Coat Frits

产品型号 Code	品名 Name	烧成温度 Firing temp(°C)	膨胀系数 (1/°C) EXP.Coefficient 20-150°C
SGC110-3	低温钴镍底釉 Low Temp Co-Ni Ground Coat Frit	780-830	314.20x10 ⁻⁷
SGC126	中温钴镍底釉 Mid Temp Co-Ni Ground Coat Frit	830-860	295.56x10 ⁻⁷
SGC126-2	中温钴镍底釉 Mid Temp Co-Ni Ground Coat Frit	830-860	298.10x10 ⁻⁷
SGC131	中温钴镍底釉 Mid Temp Co-Ni Ground Coat Frit	800-840	331.80x10 ⁻⁷
SGC158	低温钴镍底釉 Low Temp Co-Ni Ground Coat Frit	760-860	323.80x10 ⁻⁷
SGC159	低温钴镍底釉 Low Temp Co-Ni Ground Coat Frit	760-840	330.80x10 ⁻⁷
SGC170	低温钴镍底釉 Low Temp Co-Ni Ground Coat Frit	780-840	314.90x10 ⁻⁷
SGC170-3	低温钴镍底釉 Low Temp Co-Ni Ground Coat Frit	780-840	309.20x10 ⁻⁷
SGC170-4	低温钴镍底釉 Low Temp Co-Ni Ground Coat Frit	760-860	327.00x10 ⁻⁷
SGC171	中温钴镍底釉 Mid Temp Co-Ni Ground Coat Frit	780-840	312.06x10 ⁻⁷
SGC172	中温钴镍底釉 Mid Temp Co-Ni Ground Coat Frit	800-860	298.10x10 ⁻⁷
SGC176	中温钴镍底釉 Mid Temp Co-Ni Ground Coat Frit	800-860	310.20x10 ⁻⁷
SGC178	中温钴镍底釉 Mid Temp Co-Ni Ground Coat Frit	800-860	307.40x10 ⁻⁷
SGC179	高温钴镍底釉 High Temp Co-Ni Ground Coat Frit	830-900	303.48x10 ⁻⁷
SGC181	中温钴镍底釉 Mid Temp Co-Ni Ground Coat Frit	800-880	280.20x10 ⁻⁷
SGC202	高温钴镍底釉 High Temp Co-Ni Ground Coat Frit	830-880	275.00x10 ⁻⁷
SGC3126	高温钴镍底釉 High Temp Co-Ni Ground Coat Frit	830-880	294.50x10 ⁻⁷
SGC3126A	高温钴镍底釉 High Temp Co-Ni Ground Coat Frit	830-880	301.20x10 ⁻⁷
SGC3172	中温钴镍底釉 Mid Temp Co-Ni Ground Coat Frit	800-860	290.40x10 ⁻⁷

• 底釉使用说明 Instruction

1、底釉一般直接用于低碳冷轧钢材上，具有良好的密着性能，烧成幅度宽。既可单独使用，又可根据烧成温度与其它底釉混合使用。

Ground coat frits are normally coated on the low carbon steel. They have good adherence and wide firing range. They can be used separately or mixed with other ground coat frits according to different firing temperatures.

2、锑钼底釉磨加配比及工艺要求：

Mill addition ratios and requirements of Sb-Mo ground coat frits:

熔块 Frit	100	钼酸钡 Barium molybdenum	0.8-1.0
粘土 Clay	5-7	硼砂 Borax	0.2-0.5
石英粉 Quartz	0-8	亚硝酸钠 Sodium nitrite	0.1-0.3
氧化锑 Antimony Oxide	0.8-1.0	水 Water	55-65
釉浆细度 Fineness	0.5-1.0g/150mesh.100ml	釉浆比重 Specific gravity of slip	160-170g/100ml

3、镍底釉、钴镍底釉磨加配比及工艺要求：

Mill addition ratios and requirements of Ni ground coat frits and Co-Ni ground coat frits:

熔块 Frit	100	硼砂 Borax	0.2-0.5
粘土 Clay	5-7	亚硝酸钠 Sodium nitrite	0.1-0.3
石英粉 Quartz	0-8	水 Water	50-55
釉浆细度 Fineness	0.5-1.0g/150mesh.100ml	釉浆比重 Specific gravity of slip	160-170g/100ml

● 一次搪亮光釉

Direct on Bright Enamel Frits

产品型号 Code	品名 Name	烧成温度 Firing temp(°C)	膨胀系数 (1/°C) EXP.Coefficient 20-150°C
SGC168	一次搪亮光釉 Direct on Bright Enamel Frit	830-860	299.50x10 ⁻⁷
SGC168A	一次搪亮光釉 Direct on Bright Enamel Frit	800-860	315.00x10 ⁻⁷
SGC2168	一次搪亮光釉 Direct on Bright Enamel Frit	800-860	318.00x10 ⁻⁷

● 一次搪亮光釉使用说明 Instruction

1、一次搪亮光釉直接涂搪在钢板基材上。

Direct on bright enamel frits can be directly coated on the based metal.

2、一次搪亮光釉磨加配比及工艺要求：

Mill addition ratios and requirements of direct on bright enamel frits:

熔块 Frit	100	硼砂 Borax	0.2-0.4
粘土 Clay	6-7	亚硝酸钠 Sodium nitrite	0.1-0.3
石英粉 Quartz	5-10	水 Water	100
黑色素 Black pigment	2-4		
釉浆细度 Fineness	0.5-1.0g/150mesh.100ml	釉浆比重 Specific gravity of slip	160-170g/100ml

● 一次搪耐酸釉

Direct on Acid Resistance Enamel Frits

产品型号 Code	品名 Name	烧成温度 Firing temp(°C)	膨胀系数 (1/°C) EXP.Coefficient 20-150°C	耐酸等级 Acid resistance grade
SGC1360	一次搪耐酸釉 Direct on Acid Resistance Enamel Frit	780-860	321.00x10 ⁻⁷	AA
SGC1363	一次搪耐酸釉 Direct on Acid Resistance Enamel Frit	830-860	295.00x10 ⁻⁷	A+
SGC138A	一次搪耐酸釉 Direct on Acid Resistance Enamel Frit	830-880	285.60x10 ⁻⁷	A+
SGC2344	一次搪耐酸釉 Direct on Acid Resistance Enamel Frit	800-840	305.50x10 ⁻⁷	A+
SGC2345	一次搪耐酸釉 Direct on Acid Resistance Enamel Frit	800-840	290.30x10 ⁻⁷	A+
SGC2346	一次搪耐酸釉 Direct on Acid Resistance Enamel Frit	830-880	262.90x10 ⁻⁷	A+
SGC2348	一次搪耐酸釉 Direct on Acid Resistance Enamel Frit	830-880	268.70x10 ⁻⁷	A+
SGC2349	一次搪耐酸釉 Direct on Acid Resistance Enamel Frit	840-900	241.80x10 ⁻⁷	AA
SGC3366	一次搪耐酸釉 Direct on Acid Resistance Enamel Frit	830-880	282.00x10 ⁻⁷	AA
SGC3366H	一次搪耐酸釉 Direct on Acid Resistance Enamel Frit	830-880	298.40x10 ⁻⁷	A+

● 一次搪耐酸釉使用说明 Instruction

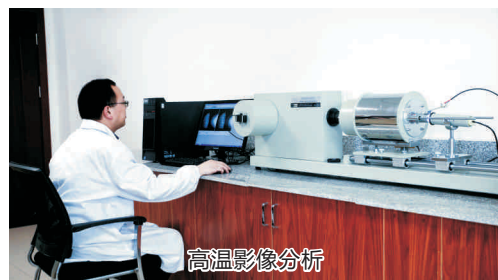
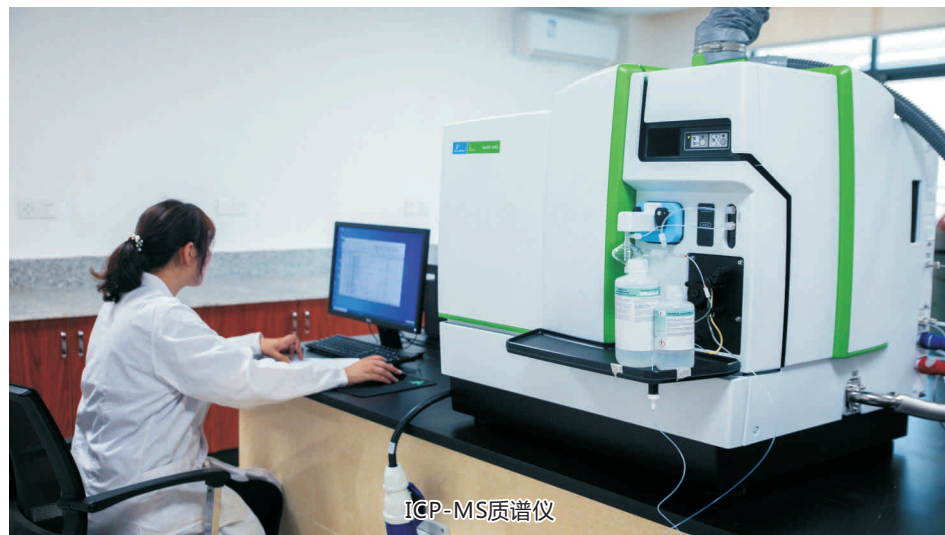
1、一次搪耐酸釉直接涂搪在钢板基材上。

Direct on acid resistance enamel frits can be directly coated on the based metal.

2、一次搪耐酸釉磨加配比及工艺要求：

Mill addition ratio and requirements of direct on acid resistance enamel frits:

熔块 Frit	100	粘土 Clay	5-6
石英粉 Quartz	5-15	硼砂 Borax	0.2-0.4
亚硝酸钠 Sodium nitrite	0.1-0.2	氧化锑 Antimony oxide	0-0.8
钼酸钡 Barium molybdenum	0-0.5	水 Water	50-60
釉浆细度 Fineness	0.5-1.0g/150mesh.100ml	釉浆比重 Specific gravity of slip	160-170g/100ml



• 搪瓷面釉

Enamel Cover Coat Frits

产品型号 Code	品名 Name	烧成温度 Firing temp(°C)	膨胀系数 (1/°C) EXP.Coefficient 20-150°C
SAC200	锑白面釉 Sb White Enamel Cover Coat Frit	800-840	330.76x10 ⁻⁷
STC3406	钛象牙 Ti Ivory Enamel Cover Coat Frit	760-820	312.60x10 ⁻⁷
STC3407	钛奶黄 Ti Cream Enamel Cover Coat Frit	780-840	310.10x10 ⁻⁷
STC3415	低温钛白 Low Temp Ti White Enamel Cover Coat Frit	780-820	273.80x10 ⁻⁷
STC3416	钛象牙 Ti Ivory Enamel Cover Coat Frit	760-820	313.50x10 ⁻⁷
STC3417	低温钛白 Low Temp Ti White Enamel Cover Coat Frit	780-820	282.00x10 ⁻⁷
STC3418	低温钛白 Low Temp Ti White Enamel Cover Coat Frit	760-820	276.70x10 ⁻⁷
STC3419	低温钛白 Low Temp Ti White Enamel Cover Coat Frit	760-800	275.90x10 ⁻⁷
STC400	高温钛白 High Temp Ti White Enamel Cover Coat Frit	820-860	282.30x10 ⁻⁷
STC406	钛象牙 Ti Ivory Enamel Cover Coat Frit	800-850	314.32x10 ⁻⁷
STC407-1	钛奶黄 Ti Cream Enamel Cover Coat Frit	800-850	312.40x10 ⁻⁷
STC407C	钛奶黄 Ti Cream Enamel Cover Coat Frit	800-850	292.50x10 ⁻⁷
STC409	钛湖蓝 Ti Lake Blue Enamel Cover Coat Frit	800-840	309.68x10 ⁻⁷
STC412	钛桃红 Ti Pink Enamel Cover Coat Frit	800-840	285.00x10 ⁻⁷
STC415	低温钛白 Low Temp Ti White Enamel Cover Coat Frit	780-820	264.33x10 ⁻⁷
STC421	低温钛白 Low Temp Ti White Enamel Cover Coat Frit	780-820	272.70x10 ⁻⁷
STC422	低温钛白 Low Temp Ti White Enamel Cover Coat Frit	780-820	273.10x10 ⁻⁷
STC430	钛灰 Ti Grey Enamel Cover Coat Frit	800-840	285.20x10 ⁻⁷
SDB503A	上青面釉 Royal Blue Enamel Cover Coat Frit	800-840	301.60x10 ⁻⁷
SDB503-1	宝石蓝面釉 Jewel Blue Enamel Cover Coat Frit	800-840	337.06x10 ⁻⁷

• 面釉使用说明 Instruction

1、面釉具有良好的乳浊度和光泽度，瓷面细腻光洁，但不能直接涂搪在金属基材上，要选择匹配的底釉，面釉烧成温度低于底釉。

Instruction: Enamel cover coat frits have good opacity and gloss with clean and fine surface, but they can't be directly coated on the based metal, they require the matched ground coat frits. The firing temperature of cover coat frit is lower than that of ground coat frit.

2、钛釉磨加配比及工艺要求：

Mill addition ratio and requirements of Titanium frits:

熔块 Frit	100	水 Water	45-55
尿素 Urea	0-0.5	釉浆细度 Fineness	1.0-2.0g/150mesh.100ml
粘土 Clay	5-6	釉浆比重 Specific gravity	160-168g/100ml
氯化钾 Potassium chloride	0-0.2		

3、锑釉磨加配比及工艺要求：

Mill addition ratio and requirements of Antimony frits:

熔块 Frit	100	水 Water	40-50
粘土 Clay	6-7	釉浆细度 Fineness	1.0-2.0g/150mesh.100ml
釉浆比重 Specific gravity of slip	170-175g/100ml		

• 搪瓷饰花基釉

Transparent Enamel Frits

产品型号 Code	品名 Name	烧成温度 Firing temp(°C)	膨胀系数 (1/°C) EXP.Coefficient 20-150°C	耐酸等级 Acid resistance grade
SDF601	钛基釉 Ti Clear Transparent Enamel Frit	800-860	314.30x10 ⁻⁷	
SDF602	钛基釉 Ti Clear Transparent Enamel Frit	800-860	314.35x10 ⁻⁷	
SDF604	低温钛基釉 Low Temp Ti Clear Transparent Enamel Frit	800-840	324.08x10 ⁻⁷	
SDF606	全透明釉 Transparent Enamel Frit	800-850	285.60x10 ⁻⁷	
SDF608	珠光釉 Pearl Transparent Enamel Frit	780-830	304.00x10 ⁻⁷	
SDF803	耐酸透明釉 Acid Resistance Transparent Frit	800-850	285.75x10 ⁻⁷	A+
SDF805	耐酸半透明釉 Acid Resistance Transparent Frit	800-850	251.30x10 ⁻⁷	AA
SDF805A	耐酸半透明釉 Acid Resistance Transparent Frit	800-850	258.10x10 ⁻⁷	AA

• 基釉使用说明 Instruction

1、用于搪瓷表面色彩装饰，色彩鲜艳，色调稳定，烧成温度应低于其下层底釉的烧成温度。

They apply to colorant decoration on enamel surface with vibrant colors and stable tones. The firing temperature is lower than the below ground coat enamel.

2、磨加配比及工艺要求：

Mill addition ratio and requirements:

熔块 Frit	100	水 Water	45-55
粘土 Clay	5-7	氯化钾 Potassium chloride	0.1-0.2
色素 Pigment	2-6	釉浆细度 Fineness	1.0-2.0g/150mesh.100ml
釉浆细度 Fineness of Slip	0.1-2.0g/200mesh.100ml	釉浆比重 Specific gravity	160-168g/100ml

• 铸铁釉

Cast Iron Frits

产品型号 Code	品名 Name	烧成温度 Firing temp(°C)	膨胀系数 (1/°C) EXP.Coefficient 20-150°C	耐酸等级 Acid resistance grade
SCI901	铸铁基釉 Cast Iron Enamel Frit	760-800	284.53x10 ⁻⁷	
SCI903	铸铁基釉 Cast Iron Enamel Frit	740-780	347.80x10 ⁻⁷	
SCI9306	铸铁耐酸基釉 Acid Resistance Cast Iron Frit	740-780	285.00x10 ⁻⁷	AA
SCI9307	铸铁耐酸基釉 Acid Resistance Cast Iron Frit	740-780	286.00x10 ⁻⁷	AA
SCI9805	铸铁耐酸基釉 Acid Resistance Cast Iron Frit	740-780	294.60x10 ⁻⁷	AA
SCI9806	铸铁耐酸基釉 Acid Resistance Cast Iron Frit	740-780	297.60x10 ⁻⁷	AA
SCI9015	铸铁耐酸黑釉 Black Acid Resistance Cast Iron Frit	780-820	298.50x10 ⁻⁷	A
SCI9017	铸铁亚光釉 Cast Iron Matt Enamel Frit	760-780	240.20x10 ⁻⁷	A
SCI9021	铸铁无光釉 Cast Iron Matt Enamel Frit	760-860	228.00x10 ⁻⁷	A+
SCI919	铸铁黑釉 Black Cast Iron Enamel Frit	760-800	331.81x10 ⁻⁷	
SCI9400	铸铁钛白面釉 Cast Iron Ti White Cover Frit	740-780	301.00x10 ⁻⁷	A+
SCI9401	铸铁钛白面釉 Cast Iron Ti White Cover Frit	740-780	304.00x10 ⁻⁷	A+

• 静电粉

Electrostatic Powders

产品型号 Code	品名 Name	烧成温度 Firing temp(°C)
E520	钛白静电粉 Ti White Electrostatic Powder	830-860
E756	耐酸静电粉 Acid Resistance Electrostatic Powder	830-860
E816	静电粉（两喷一烧底釉） Electrostatic Powder	830-860
E868	静电粉 Electrostatic Powder	830-860
E912	脱硫板静电粉 Electrostatic Powder for The Desulfuration Plate	830-860

• 预磨粉

Pre Grinding Powders

产品型号 Code	品名 Name	烧成温度 Firing temp(°C)
SWH161	热水器内胆预磨粉 Pre Grinding Powder for Water Heater Tank	830-860
SWH162	热水器内胆预磨粉 Pre Grinding Powder for Water Heater Tank	830-860
P701	脱硫板预磨粉 GGH Pre Grinding Powder	830-860
P708	铸铁底釉预磨粉 Cast Iron Pre Grinding Powder	780-820

• 无光釉、砂纹釉、防爆釉

Matt Enamel Frit, Sand Grain Enamel Frit and Explosion-proof Frit

产品型号 Code	品名 Name	烧成温度 Firing temp(°C)	膨胀系数 (1/°C) EXP.Coefficient 20-150°C
1710	无光釉 Matt Enamel Frit	800-860	335.60x10 ⁻⁷
SWC-1	砂纹釉 Sand Grain Enamel Frit	800-840	225.00x10 ⁻⁷
SGC119	防爆釉 Explosion-proof Frit	760-860	324.20x10 ⁻⁷

• 无光釉使用说明 Instruction

1、无光釉可涂搪在底釉上，也可以与钴镍底釉搭配直接用于钢材上，使表面呈现无光或亚光状态。
Matt frits can be coated on the ground coat frits, also coated directly on the based metal, together with Co-Ni ground coat frit, which make the surface dull or matt.

2、无光釉磨加配比及工艺要求：

Mill addition ratio and requirements:

熔块 Frit	100	粘土 Clay	6-7
硼砂 Borax	0.2-0.4	黑色素 Black pigment	3-5
水 Water	45-70	添加剂 Additive agent	2-7
釉浆细度 Fineness	0.5-1.0g/150mesh.100ml	釉浆比重 Specific gravity of slip	160-170g/100ml

• 高档塑料无机颜料

Plastic Inorganic Pigments

本公司生产的高端塑料无机颜料，色泽纯正，不褪色，具有热稳定性好、耐晒、耐迁移、耐候等优良性能，是有机颜料无法相比的。可广泛应用于塑料、高端油漆、油墨等领域。

Sino's plastic inorganic pigments have good performance that the organic pigments can't be compared. They can resist heat, immigration, alkali & climate. Colors are pure and non-decay. They can be widely used in the fields of plastics, paint and printing ink, etc..

• 产品品种 Product Variety

产品名称 Code No.	型号规格 Specification	颜料索引号 C.I.No.	外观 Appearance	应用范围 Applications			耐光 Light- Resistance	耐热 Hot- Resistance	耐迁移 Immigration -Resistance	色标 Color
				PVC	PO	PS				
镉红 Cadmium Red	SPP108-1	颜料红108 Pigment Red 108	浅红粉末 Pale Red Powder	+	+	○	≥7	≥300	5	
	SPP108-2	颜料红108 Pigment Red 108	大红粉末 Red Powder	+	+	○	≥7	≥300	5	
	SPP108-3	颜料红108 Pigment Red 108	紫红粉末 Maroon Powder	○	+	○	≥7	≥300	5	
镉橙 Cadmium Orange	SPP20-1	颜料橙20 Pigment Orange 20	浅橙粉末 Pale Orange Powder	○	+	○	≥7	≥300	5	
	SPP20-2	颜料橙20 Pigment Orange 20	红橙粉末 Red Orange Powder	○	+	○	≥7	≥300	5	
镉黄 Cadmium Yellow	SPP37-1	颜料黄37 Pigment Yellow 37	柠檬黄粉末 Lemon Yellow Powder	+	+	○	≥7	≥300	5	
	SPP37-2	颜料黄37 Pigment Yellow 37	亮黄粉末 Brilliant Yellow Powder	+	+	○	≥7	≥300	5	
	SPP37-3	颜料黄37 Pigment Yellow 37	正黄粉末 Yellow Powder	+	+	○	≥7	≥300	5	
天蓝 Sky Blue	SPP28-1	颜料蓝28 Pigment Blue 28	蓝色粉末 Blue Powder	+	+	+	≥7	≥300	5	
钴蓝 Cobalt Blue	SPP28-2	颜料蓝28 Pigment Blue 28	深蓝色粉末 Dark Blue Powder	+	+	+	≥7	≥300	5	
钴绿 Cobalt Green	SPP26-1	颜料绿26 Pigment Green 26	绿色粉末 Green Powder	+	+	+	≥7	≥300	5	
	SPP26-2	颜料绿26 Pigment Green 26	艳绿色粉末 Brilliant Green Powder	+	+	+	≥7	≥300	5	
孔雀绿 Peacock Green	SPP26-2	颜料绿26 Pigment Green 26	艳绿色粉末 Brilliant Green Powder	+	+	+	≥7	≥300	5	
咖啡 Brown	SPP27-1	颜料棕27 Pigment Brown 27	浅棕色粉末 Pale Yellow Powder	+	+	+	≥7	≥300	5	

• 陶瓷包裹色料

Ceramic Inclusion Stains








本公司生产的陶瓷包裹色料解决了低温镉硒红色不耐高温的难题。

该色料在铅、钙、硼釉中有了很高的稳定性，釉中碱金属太高将会破坏色料的包裹层，影响变色，该色料不宜研磨太长时间。

Sino's inclusion stains solve the problem that cadmium red can't resist high temperature.

They are very stable in the glaze which contains lead, calcium, or boron. If the content of the alkali metal in the glaze is too high, it will damage the included layer of the stains, and also degrade the color. So the grinding of the stain can't last long time.

The temperature range covers:800-1280°C

编号. Code No.	品名 Name	化学成分 Composition	极限温度°C Max Firing Temp	烧成条件 Firing condition	色标 Color
SIS300B	浅金黄 Pale Yellow	Cd-Si-Zr-S	1280	氧化 Oxidation	
SIS300	金黄 Golden Yellow	Cd-Si-Zr-S	1280	氧化 Oxidation	
SIS300A	深金黄 Dark Yellow	Cd-Si-Zr-S	1280	氧化 Oxidation	
SIS301C	桔黄 Orange Yellow	Cd-Si-Zr-Se-S	1280	氧化 Oxidation	
SIS301	桔黄 Orange Yellow	Cd-Si-Zr-Se-S	1280	氧化 Oxidation	
SIS301A	桔黄 Orange Yellow	Cd-Si-Zr-Se-S	1280	氧化 Oxidation	
SIS301B	桔红 Orange Red	Cd-Si-Zr-Se-S	1280	氧化 Oxidation	
SIS306	大红 Red	Cd-Si-Zr-Se-S	1280	氧化 Oxidation	
SIS306A	大红 Red	Cd-Si-Zr-Se-S	1280	氧化 Oxidation	
SIS306B	大红 Red	Cd-Si-Zr-Se-S	1280	氧化 Oxidation	
SIS306C	深红 Dark Red	Cd-Si-Zr-Se-S	1280	氧化 Oxidation	
SIS309	深红 Dark Red	Cd-Si-Zr-Se-S	1280	氧化 Oxidation	

注：因纸张印刷不能与颜料真正色调完全符合，请以实物为准。

Note: The color marks shown are only for reference as they may vary from those of the actual products.

• 陶瓷釉用色料

Ceramic Glaze Stains

编号. Code No.	品名 Name	化学成分 Composition	极限温度°C Max Firing Temp	烧成条件 Firing condition	色标 Color
SCG101	土耳其蓝 Turquoise Blue	Co-Cr-Al-Zn	1300	氧化 Oxide	
SCG102	钒钴蓝 V-Zr Blue	Zr-Si-V	1300	氧化 Oxide	
SCG103	钒钴蓝 V-Zr Blue	Zr-Si-V	1300	氧化 Oxide	
SCG110	钴蓝 Cobalt Blue	Al-Co-Zn	1300	氧化/还原 Oxide/Reduce	
SCG111	玛瑙蓝 Maroon Blue	Al-Cr-Co-Zn	1300	氧化 Oxide	
SCG130	宝石蓝 Jewel Blue	Si-Co	1400	氧化/还原 Oxide/Reduce	
SCG131	天蓝 Sky Blue	Zr-Si-V	1300	氧化 Oxide	
SCG141	孔雀蓝 Peacock Blue	Al-Cr-Co-Zn	1280	氧化/还原 Oxide/Reduce	
SCG151	墨绿 Blackish Green	Al-Cr-Co-Zn	1280	氧化/还原 Oxide/Reduce	
SCG170	孔雀绿 Peacock Green	Al-Cr-Co-Zn	1300	氧化/还原 Oxide/Reduce	
SCG171	铬绿 Cadmium Green	Al-Cr	1300	氧化/还原 Oxide/Reduce	
SCG172	果绿 Apple Green	Zr-V-Pr-Si	1250	氧化 Oxide	
SCG200	锆黄 Pr Yellow	Zr-Pr-Si	1250	氧化 Oxide	
SCG210	钒钴黄 V-Zr Yellow	V-Zr	1280	氧化/还原 Oxide/Reduce	
SCG211	钒钴黄 V-Zr Yellow	V-Zr	1280	氧化/还原 Oxide/Reduce	
SCG220	桔黄 Orange	Cr-Ti-Sb	1100	氧化 Oxide	
SCG312	玛瑙红 Maroon Red	Ca-Sn-Si-Cr	1280	氧化 Oxide	
SCG320	紫丁香 Violet	Sn-Cr	1280	氧化 Oxide	
SCG331	锆铁红 Coral Pink	Zr-Fe-Si	1250	氧化 Oxide	
SCG401	黄棕 Yellow Brown	Cr-Al-Zn-Fe	1300	氧化 Oxide	
SCG410	红棕 Red Brown	Zr-Fe-Si	1280	氧化 Oxide	
SCG501	黑色 Black	Cr-Fe-Mn-Ni	1300	氧化/还原 Oxide/Reduce	
SCG502	钴黑 Cobalt Black	Co-Cr-Fe-Mn-Ni	1300	氧化/还原 Oxide/Reduce	
SCG601	灰色 Grey	Sn-Sb	1300	氧化 Oxide	
SCG610	银灰 Silver Grey	Zr-Si-Co-Ni	1300	氧化/还原 Oxide/Reduce	

• 化工原料

Chemical Raw Materials

主要用于玻璃、搪瓷、陶瓷、涂料等方面。

These chemical raw materials are mainly used in glass, enamels, ceramics and coatings, etc..

编号 Code No.	品名 Name	含量 Main Content w/w (%)
SRM102	氧化锑 Antimony Oxide	≥98
SRM103	氧化锌 Zinc Oxide	≥98
SRM104	氧化锰 Manganese Dioxide	≥50
SRM105	氧化镍 Nickel Oxide	≥72(含镍量 Ni Content)
SRM106	氧化钴 Cobalt Oxide	≥72(含钴量 Co Content)
SRM107	氧化铜 Cupric Oxide	≥98
SRM108	钛白粉 Titanium Dioxide	≥98.5
SRM109	硒粉 Selenium Powder	≥99.9
SRM201	氟硅酸钠 Sodium Silicofluoride	≥97
SRM202	硝酸钠 Sodium Nitrate	≥98
SRM203	磷酸三钠 Sodium Phosphate	≥95
SRM204	碳酸镉 Cadmium Carbonate	≥63.5(含镉量 Cd Content)
SRM205	钼酸钡 Barium Molybdenum	≥80
SRM206	硼砂 Borax	≥95
SRM301	煅烧石英粉 Calcined Quartz Powder	325mesh
SRM302	粘土 Clay	-

INQUIRIES

We want to import the following raw materials from overseas suppliers:

Borax

Sodium Silicofluoride

Metal Oxide:CuO,CoO,NiO

Lithium Carbonate

