



**GEOTECH**

SPECIAL EFFECT PIGMENTS



**Geoshine<sup>®</sup>**

POLYESTER GLITTER



Geoshine<sup>®</sup>, C glitter is a premium range of precision cut polyester particles. Glitter offers high brilliance and a fabulous reflection. The versatility, quality and durability of Geoshine<sup>®</sup> C allows it to be used in a wide variety of cosmetic products.

The Geoshine<sup>®</sup> C product line is available in a variety of colours from silver to a deep black shade. Each colour is available in various particle sizes starting from 50 micron (0.002 inch) up to 3 mm (0.125 inch).

Geoshine<sup>®</sup> C glitter is cut from 12 and 25 micron brilliant metallized polyester foils. The products are light fast, water and solvent resistant, non-toxic and heat stable up to a temperature of 180 degrees celsius.

Geoshine<sup>®</sup> C Pastel Matte flakes absorb light and give less reflection and scattering compared to standard glitter. Geoshine<sup>®</sup> C Pastel Matte is available in different particle sizes from 200 micron and larger, the thickness is approximately 48 micron.

Global cosmetic regulations are complex but thanks to our wide range of colours there are many possibilities to let your cosmetic products sparkle.

### Product benefits

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- Suitable for water and solvent based formulations
- Available in many different particle sizes
- Globally approved for cosmetic applications
- Adds new dimensions to color cosmetics and personal care products

### Recommended applications

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- Nails



- Eye area



- Lip area



- External



- Rinse off



## PRODUCT RANGE

Product Name	Available Sizes (µm)	INCI Name
Geoshine Aztec Gold	100, 150, 200, 400	Polyethylene terephthalate   Polyurethane-11   CI 77000   CI 19140   CI 77491
Geoshine C Black	100, 150, 200, 400	Polyethylene terephthalate   Polyurethane-11   CI 77266
Geoshine C Blue	100, 150, 200, 400	Polyethylene terephthalate   Polyurethane-11   CI 77000   CI 77510
Geoshine C Bright Silver	100, 150, 200, 400	Polyethylene terephthalate   Polyurethane-11   CI 77000
Geoshine C Chartreuse	100, 150, 200	Polyethylene terephthalate   Polyurethane-11   CI 77000   CI 42090   CI 19140
Geoshine C Cherry Red	100, 150, 200, 400	Polyethylene terephthalate   Polyurethane-11   CI 77000   CI 16035   CI 77510
Geoshine C Copper	100, 150, 200, 400	Polyethylene terephthalate   Polyurethane-11   CI 77000   CI 19140   CI 15850
Geoshine C Crimson	100, 400	Polyethylene terephthalate   Polyurethane-11   CI 77000   CI 15850   CI 19140
Geoshine C Deep Gold	100, 150, 200, 400	Polyethylene terephthalate   Polyurethane-11   CI 77000   CI 15850   CI 19140
Geoshine C Fire Red	100, 150, 200, 400	Polyethylene terephthalate   Polyurethane-11   CI 77000   CI 15850   CI 19140
Geoshine C Fuchsia	100, 150, 200, 400	Polyethylene terephthalate   Polyurethane-11   CI 77000   CI 15850   CI 19140   CI 77510
Geoshine C Green	100, 150, 200, 400	Polyethylene terephthalate   Polyurethane-11   CI 77000   CI 77510   CI 19140
Geoshine C Gunmetal	100, 150, 200, 400	Polyethylene terephthalate   Polyurethane-11   CI 77000   CI 77510   CI 77266   CI 15850
Geoshine C Jade	100, 150, 200, 400	Polyethylene terephthalate   Polyurethane-11   CI 77000   CI 42090   CI 19140   CI 77510
Geoshine C Lavender	100, 150, 200	Polyethylene terephthalate   Polyurethane-11   CI 77000   CI 77510   CI 15850
Geoshine C Light Brown	100, 150, 200	Polyethylene terephthalate   Polyurethane-11   CI 77000   CI 16035   CI 19140   CI 77510
Geoshine C Lilac	100, 150, 200, 400	Polyethylene terephthalate   Polyurethane-11   CI 77000   CI 77510   CI 15850
Geoshine C Lime Green	100, 150, 200, 400	Polyethylene terephthalate   Polyurethane-11   CI 77000   CI 42090   CI 19140   CI 77510



## PRODUCT RANGE



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Product name	Particle size (µm)	INCI Name
Geoshine C Malibu Gold	100, 150, 200, 400	Polyethylene terephthalate   Polyurethane-11   CI 77000   CI 19140
Geoshine C Multicolour	100, 150, 200, 400	Polyethylene terephthalate   Polyurethane-11   CI 77000   CI 15850   CI 19140   CI 77510   CI 42090
Geoshine C Pink	100, 150, 200, 400	Polyethylene terephthalate   Polyurethane-11   CI 77000   CI 15850   CI 19140
Geoshine C Purple	100, 150, 200, 400	Polyethylene terephthalate   Polyurethane-11   CI 77000   CI 77510   CI 15850
Geoshine C Red	100, 150, 200, 400	Polyethylene terephthalate   Polyurethane-11   CI 77000   CI 15850   CI 19140
Geoshine C Red Gold	100, 150, 200, 400	Polyethylene terephthalate   Polyurethane-11   CI 77000   CI 15850   CI 19140
Geoshine C Rose Lilac	100, 150, 200, 400	Polyethylene terephthalate   Polyurethane-11   CI 77000   CI 16035   CI 42090
Geoshine C Sand	100, 150, 200, 400	Polyethylene terephthalate   Polyurethane-11   CI 77000   CI 15850   CI 19140
Geoshine C Steel	100, 150, 200	Polyethylene terephthalate   Polyurethane-11   CI 77000   CI 16035   CI 42090
Geoshine C Turquoise	100, 150, 200, 400	Polyethylene terephthalate   Polyurethane-11   CI 77000   CI 77510   CI 19140
Geoshine C White	100, 150, 200, 400	Polyethylene Terephthalate   Polyurethane-11   CI 77120   CI 77891
Geoshine C Yellow Gold	100, 150, 200, 400	Polyethylene terephthalate   Polyurethane-11   CI 77000   CI 15850   CI 19140

### Order details

#### Available packaging Geoshine C

- 5 kg Nett weight
- 25 kg Nett weight

#### Available packaging Geoshine C Random

- 25 kg Nett weight

#### Shelf life

- 10 years original packaging stored in a closed box under dry conditions

#### Product data

- Product data sheets and additional technical product information are available on <https://geotech.nl/>





## GENERAL FORMULATION DO'S AND DON'TS

### Suitability water based and solvent based formulations

Geoshine® C polyester glitter products are made of coated polyester glitter flakes. Glitter is an 'open' product due to the fact that the film is cut after it has been aluminized and coated. Every single glitter has an edge of exposed aluminium and coating which is created when the particles are cut from the film. For this reason caustics and all chemicals normally affecting pure aluminium and/or coating may react with the exposed edges.

Geoshine® cosmetic glitter products that are used in cosmetic solvent based formulations, like nail polish, may cause bleeding or loss of effect.

### UV stability

Geoshine® C glitter which contain colourants can be sensitive to UV light.

### Temperature resistance

Geoshine® cosmetic glitter is heat resistant up to a maximum temperature of 180°C

### Concentration

Finished product	Recommended level of use
Hair styling gel	0,01 - 0,1 %
Hair colouring gel	3 - 5 %
Shower gel	0,01 - 0,1 %
Eye shadow gel	15 - 20 %
Skin gel	0,05 - 0,1 %
Eyeliner	1 - 10 %
Soaps	0,3 - 4,0 %
Pressed powder	30 - 70 %
Loose powder	Up to 100 %
Blusher	1 - 5 %
Face powder	1 - 5 %
Body powder	1 - 5 %
Lipstick	12 - 20 %
Lip balm	3 - 5 %
Lip gloss	3 - 5 %
Lip lacquer	10 - 15 %
Body lotion	1 - 3 %
Shampoo	0,1 - 1 %





Product: **Lipstick**  
 Code: **GL-1501133**  
 Special effect pigment: **Geoshine C Red Gold 004 HEX x 001 | Geopearl C Hematite | Geopearl C Silk Bronze | Geopearl Silk Copper**

Product name	INCI name	%WT.	Supplier
<b>Phase A</b>			
White Beeswax	Beeswax	8.75	Koster Keunen
Paracera C44	Carnauba Wax	5.25	Paramelt
Lanolin	Adeps Lanae	3.50	Henry Lamotte
Crodamol IPM	Isopropyl Myristate	5.60	Croda
Drakeol	Mineral oil	2.10	Calumet Penreco
Castor Oil	Castor Oil	59.80	
<b>Phase B</b>			
Geoshine C Red Gold 004 HEX x 001	Polyethylene terephthalate   Polyurethane-11   CI 77000   CI 15850   CI 19140	3.00	Geotech International B.V.
Geopearl C Hematite	Mica   CI 77499   Titanium Dioxide	3.00	Geotech International B.V.
Geopearl C Silk Bronze	Mica   CI 77491	3.00	Geotech International B.V.
Geopearl C Silk Copper	Mica   CI 77491	3.00	Geotech International B.V.
<b>Phase C</b>			
Colororant blend	Castor Oil   CI 77491   CI 77499   CI 77492	3.00	
Fragrance		q.s	
Preservative		q.s	
Antioxidant		q.s	

### Procedure

1. Add phase A in a vessel and heat until  $85^{\circ} \pm 3^{\circ}\text{C}$ ;
2. Add Phase B to Phase A and mix until homogeneous and cool to  $75^{\circ} \pm 5^{\circ}\text{C}$ ;
3. Add Phase C to Phase A+B and until mix homogeneous;
4. Cool to  $40^{\circ} \pm 5^{\circ}\text{C}$  and pour into mould and place mould into the fridge for 30 minutes;
5. Remove the lipstick from the mould and place them into the containers.

# LIQUID-GEL EYESHADOW

Product: **Liquid-Gel Eyeshadow**  
Code: **GL-221121**  
Special effect pigment: **Geoshine C Fuchsia 008 HEX x 001 | Sunrise 970**

Product name	INCI name	%WT.	Supplier
<b>Phase A</b>			
Enhans PC-38	Polyethylene   Polycyclopentadiene   Stearoy Dimethicone	11.00	Koster Keunen
Kester Wax K-82P	C18-38 Hydroxystearoyl Stearate	5.00	Koster Keunen
Kester Wax K-82H	C20-40 Alkyl Stearate	2.00	Koster Keunen
Octyldodecanol	Octyldodecanol	15.00	Koster Keunen
<b>Phase B</b>			
Sunrise 970	Mica	4.00	Geotech International B.V.
<b>Phase C</b>			
Isononyl Isononanoate	Isononyl Isononanoate	7.00	
Belsil PDM20	Trimethylsiloxypheyl Dimethicone	5.00	Wacker
<b>Phase D</b>			
Belsil TMS 803	Trimethylsiloxysilicate	5.00	Wacker
Isododecane	Isododecane	23.00	
Geoshine C Fuchsia 008 HEX x 001	Polyethylene Terephthalate   Polyurethane-11   CI 77000   CI 19140   CI 15850   CI 77510	23.00	Geotech International B.V.

## Procedure

1. Combine all ingredients from phase A and heat to 85°C;
2. Pre-mix phase B and add to phase A, mix until homogeneous;
3. Pre-mix phase C and add to phase A+B, mix until homogeneous;
4. Pre-mix phase D and add to phase A+B+C, mix until homogeneous;
5. Cool and fill into container.



## LOOSE POWDER

Product: **Loose Powder**  
 Code: **GL-1501116**  
 Special effect pigment: **Geoshine C Pastel Matte Green 008 HEX x 001 | Geoshine C Pastel Matte Orange 040 HEX x 002 | Geospectra C Malibu Gold 015 HEX x 001**

Product name	INCI name	%WT.	Supplier
<b>Phase A</b>			
Geoshine C Pastel Matte Green 008 HEX x 002	Polyethylene terephthalate   CI 77120   Polyurethane-11   CI 77891   CI 77510   CI 19140	25.00	Geotech International B.V.
Geoshine C Pastel Matte Orange 008 HEX x 002	Polyethylene terephthalate   CI 77120   Polyurethane-11   CI 77891   CI 16035   CI 19140	50.00	Geotech International B.V.
Geoshine C Pastel Matte Orange 040 HEX x 002	Polyethylene terephthalate   CI 77120   Polyurethane-11   CI 77891   CI 16035   CI 19140	10.00	Geotech International B.V.
Geospectra C Malibu Gold 015 HEX x 001	Polyethylene terephthalate   Polyurethane-11   Aluminum powder   CI 19140	15.00	Geotech International B.V.

### Procedure

1. Combine all ingredients and mix until homogeneous;
2. Pour into container.





## ABOUT US

Geotech International B.V., founded in 1984, manufactures and distributes special effect pigments. We are a privately owned family business with offices in The Netherlands, France and Turkey. A global sales network serves over 800 customers worldwide with 16 product lines.

Nowadays the company is managed by the third generation, focusing on innovation and sustainability. Since 2020, Ecovadis awarded GEOTECH's sustainability program a Gold medal every year, placing us in the top 5% of companies assessed by them. A certified quality management system based on ISO 9001 and GMP standards ensures reliability and excellence.

With over 450 special effect pigments in our portfolio we offer a diverse range of products for the cosmetics industry. An experienced team of specialists is available to provide you with a high level of service and technical support.

GEOTECH's special effect pigments are used globally in various industries to differentiate consumer products by creating attractive and luxurious appearances.



### Formulations

Visit **[www.geotech.nl/inspiration](http://www.geotech.nl/inspiration)** to explore a variety of formulations developed by our cosmetic chemists using our special effect pigments. Each formulation undergoes rigorous testing to ensure exceptional performance.

If you have a specific formulation in mind, we have a large database of formulations available to our clients, let us know what you are looking for. We are ready to help you bring your vision to life.



Explore our complete portfolio for the cosmetics industry at [www.geotech.nl](http://www.geotech.nl)



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