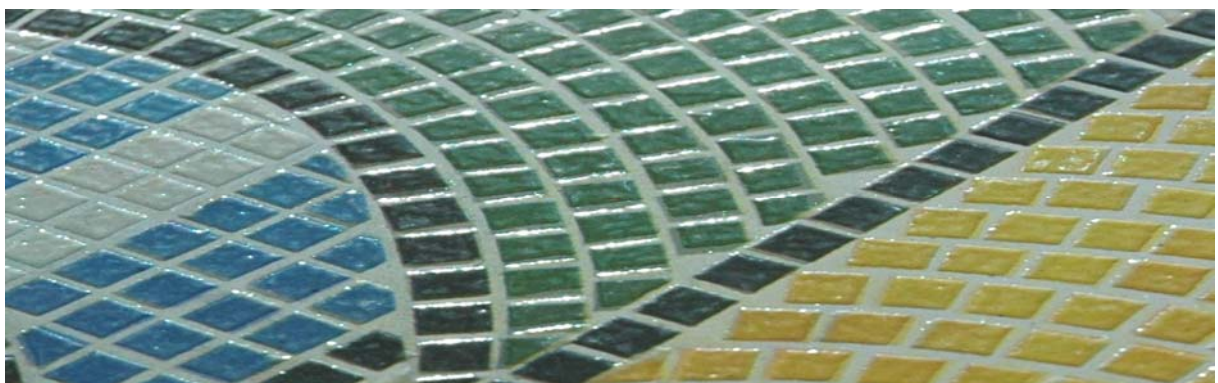


# Caslon Thermography Products

Caslon's association with thermography started in 1910 when the company sold powders manufactured in the USA. In 1973, when currency exchange rates made it impossible to sell American powders, Caslon set up a production facility in Hertfordshire making it the only manufacturer in Europe.



Caslon's range of powders & glitters, probably the most comprehensive in the world, are manufactured from the finest raw materials and are the result of over 95 years experience in the field of Thermography.



For expert help and professional advice with any thermographic application, contact our technical sales team on +44 (0)1727 852211

[www.caslon.co.uk](http://www.caslon.co.uk)

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*The Powder to Raise your Image*

# Caslon Thermography Products

## Neutral Gloss Powder

SupaFlow powders are treated twice for static and flow giving them supreme performance both in the machine and on the paper. Once processed they form the smoothest gloss finish whilst still retaining the unique sharp clarity and high raise that has always been the distinguishing characteristic of Caslon powder.

## Neutral Gloss Ultra Clear Powder

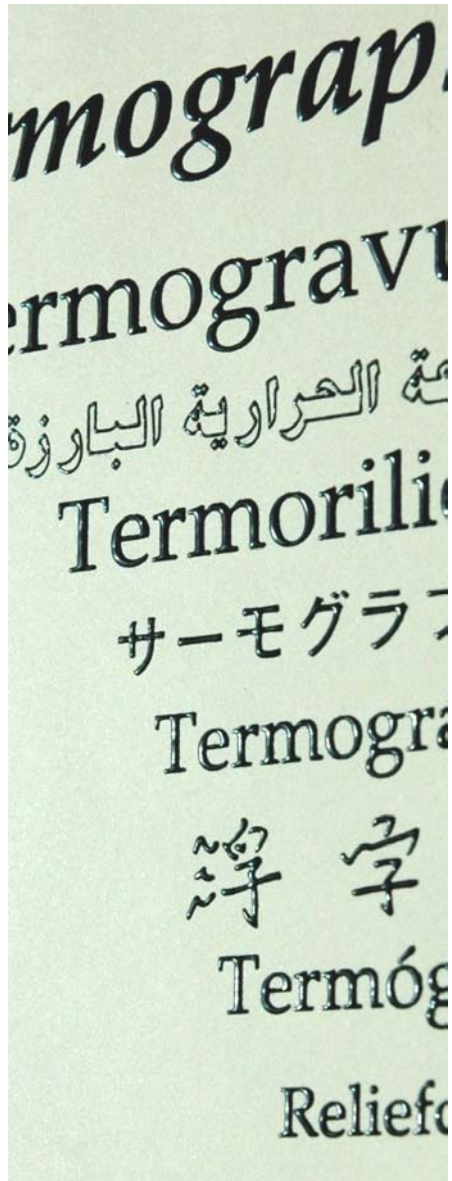
Neutral Gloss SupaFlow Ultra Clear Powders have been developed specifically for industries where a crystal clear raised layer is required. Many applications now apply powder over a pre-printed four colour image and do not want the original colours to be altered. The best results are achieved when using Ultra Clear Powders with Caslon Thermographic Varnish, as neither changes colour under the heat of a thermography machine.

## Neutral Matt Powder

Neutral SupaMatt is a smooth flowing material which results in a semi-dull look. It is mainly used for business cards, invitations and social stationery where a result comparable to that of die-stamping or copper plate printing is required.

## Neutral Lazer Proof Powder

Neutral Laser-Resist compound is made with different raw materials from our regular powder and, on contact with UV light, will react to give a beautifully smooth and flexible, yet very tough image. The UV-Curable product is processed in the normal way but requires a UV light source to be fitted at the end of the heater tunnel. Once molten, the product is cured instantly by the light source to form a solid.



## Metallic Powder

These self-colour powders replicate metallic colours. They are suitable for use with any offset, letterpress or rubber stamp ink. All Caslon metallic colours are manufactured to a tarnish resistant quality. The finished colour is only slightly adjusted by varying the base ink shade unlike the Pearlescent Colours which will be greatly changed. It is important to use the correct base ink. For Gold and Copper powders, a Yellow or Tan ink is recommended. For Silver powder, Blue or Grey ink will give best results.

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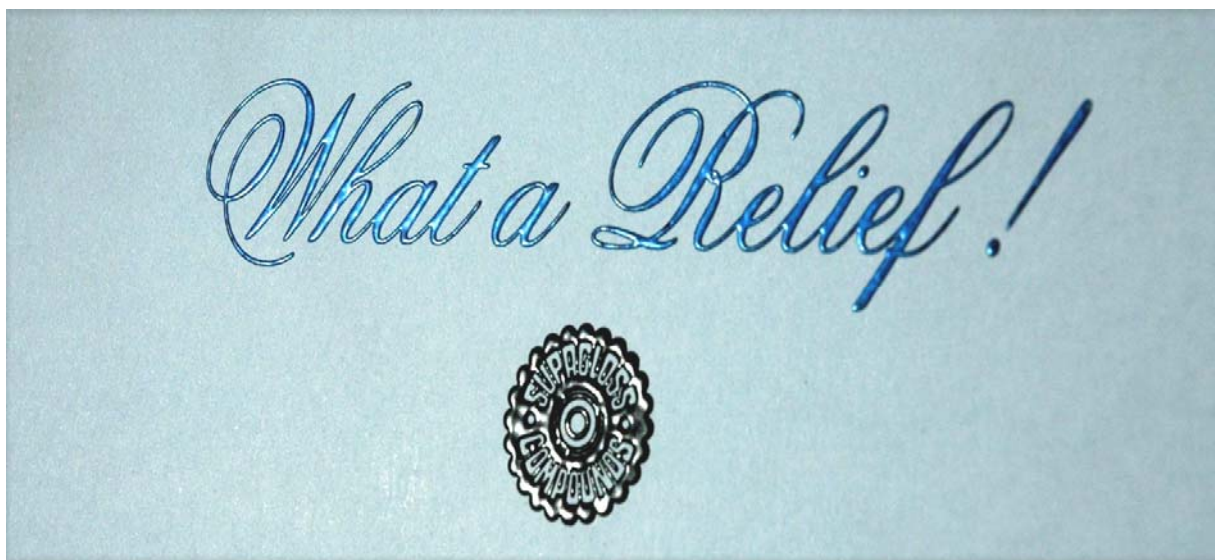
# Caslon Thermography Products

## Pearl Iridescent Powders

Initially developed in collaboration with the Greeting Card and Art Stamping industries this superb range of iridescent powders will add a pearlescent lustre to the original base ink colour allowing infinite variations. The finished product can appear different in colour when viewed at different angles. Altering the base ink will change the end result.

## Pearl Satin Powders

Created as an extension to the Iridescent Pearl range, this range of powders produce a more enhanced pearlescent lustre. When altering the base ink the finished result will still change but unlike the iridescent range the effect will remain the same when viewed from different angles. These neat powders give the designer infinite choice when trying to match specific Gold shades.



## Opaque Powder

Self-colour compounds can be used over virtually any base ink colour to produce a range of opaque finishes. Optimum results are achieved if the ink is as close in colour to the powder. These compounds are very popular in the Art Stamping world where it is not always easy to vary the ink colour. Check out our new organic colours.

## Fluorescent Powder

This range of brightly coloured Fluorescent powders perform in the same way as the opaque range in that they are self coloured and do not rely on the underlying ink for pigmentation. They can be used over any base ink colour to give the resultant colour of the powder.

## Expanding Puff-Up Powder

Puff powders actually expand, rising three times higher than our other powders. Along with the traditional uses on paper products, they can also be processed on textiles such as T-shirts and are machine washable once applied. This powder only comes in one special grade size and takes no more time to process than the regular Thermography powder. Sparkles can be added to enhance the effect.



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# Caslon Thermography Products

## Glitters

Glitters can be added and mixed with any of our Thermography powders to make one of the most comprehensive speciality powder ranges in the world. Our Glitter products are hexagonal in shape and available in three sizes, 0.1mm (0.004"), 0.2mm (0.008") and 0.38mm (0.015"). Crystals, Special Iridescent Crystals, Metallic and Polyester Colours make up this exciting range.

## Glow-in-the-Dark Powder

This greenish powder does what its name suggests. For best results it should be printed over a white background. When charged by exposing it to natural light, the powder will glow in the dark.

## Additives

Our Thermography powders are blended and treated for use by hand and in semi and fully automatic equipment but there are times when excess static is produced on the printing press. This is passed on to the paper and becomes a problem when it is transferred to the powder running in an automatic machine.

**Supa-Slip Additive** can be mixed with the Thermography powder to relieve this static and aid flow through the equipment.

**Stabiliser Powder** is used to coat the wide rubber powder blanket under the powder hopper on automatic machines to remove any tackiness that may have built up.

## Pre-Mixed Glitters

We have standard formulations from stock but as everyone has their own particular taste we mix special colours and effects daily. Please ask if you would like something different and our technical team will help you specify your exact requirement.

## Scented Powders

Scented were originally added to the self-coloured opaque compounds, and as their name suggest, emit aromas. We can now add scents to many of our lines but due to the shelf life of the fragrance we only have small stocks available off the shelf.



## Thermography Varnish

After surveying customers experiencing difficulty applying Thermography to a pre-printed stock, we came away with a list of common problems. We found that changing some of the characteristics of the ink or varnish could solve them. The result was the development of our Thermographic Varnish. It is Ultra Clear and will not discolour under the heat of an automatic machine. It will work on a Letterpress machine or with any dampening system. It runs with significantly less water reducing the risk of scumming on minimum dampening settings, allowing a much increased ink transfer which will hold more powder.

Thermographic Varnish can be used straight from the tin or as a tack enhancer for regular pigmented inks and sadly for us it goes over twice as far as regular offset mixing whites!

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# Caslon Thermography Products



## Packaging Types

8 Gram	Clear jar with a white lid (not shown)
0.5 Kilo	Square bio-degradable card "brick"
1 Kilo	Square bio-degradable card "brick"
5 Kilo	Cardboard box with lining
25 Kilo	Heavy Duty Cardboard box with lining

## Caslon Thermographic Powder Swatch

The latest Caslon Thermographic Powder Swatch is now available to buy from our sales office. It is the "Must Have" tool for any serious Thermographer and Designer. The latest edition shows all the grade sizes and finishes available together with a selection of the most popular glitter mixes. Each pearl effect is printed across four base colours to demonstrate the endless possibilities of the satin and iridescent ranges. The pages are bound with a removable corner peg enabling new effects to be added when updates are issued.



## Granulation Sizes

Grade 01	Developed specifically for the highest raise in the Craft industry. This grade is designed for hand processing.
Grade 05	This grade creates an "Enamel" effect and is used mainly in the craft sector. Some designers have used it on greetings cards with glitters.
Grade 07	Generally the grade that is used for Braille Printing. It can easily be processed on automatic equipment and holds glitter extremely well.
Grade 09	Used when a very high smooth raise is required. Will hold glitter more firmly than other grades. It can also simulate screen printed encapsulated glitter.
Grade 11	The standard powder used by General Printers for large type and by Greetings Card printers for their clear and glitter work.
Grade 114	A special grade developed for the Craft market. It is a mix of our standard grade 11 and grade 14.
Grade 14	The general all-round powder used by commercial printers for letterheads and most stationery which combines small solids and type.
Grade 18	A fine grade for script and delicate stationery applications such as invitations and business cards. Often compared with Copper Plate printing.
Grade 21	The finest grade used on work where a minimal raise or an ultra fine line is required. This grade will not spread.

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