

SCENESAFE SUPRANANOTM
ADVANCED FINGERPRINT DEVELOPMENT

Nano-particle is the future for advanced identification



Scientifically developed for enhanced results

Significant increase in quality

No increase in cost...

SupraNano Fingerprint Powders

Specially formulated to develop latent marks on both non porous (e.g. glass, ceramics,) and semi porous surfaces (e.g. plastics, non-ferrous metals,) up to twenty-eight days after prints have been made. The powders provide 30% enhanced performance over existing powders.

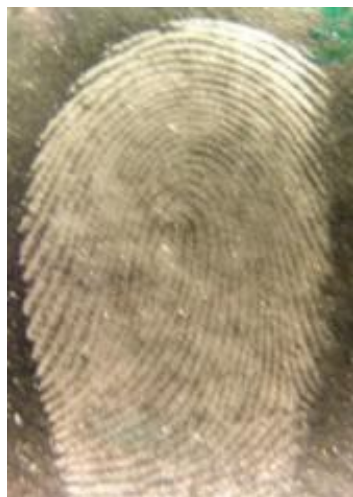
SceneSafe SupraNano™ Advanced latent fingerprint powders and suspensions provide much better contrast and definition, producing sharper images with less background staining.

SceneSafe is the leading innovator in the field of evidence recovery and fingerprint enhancement. Our advanced technology based on SupraNano™ particles is revolutionising forensics and will boost the fight against crime and terrorism.

A range of stable core silica nano-particles has been engineered at the Supranano scale to produce a targeted set of properties suitable for a wide range of powder products. The end particle size is within the normal powder range while employing standard operational procedures and conforming to normal health and safety requirements

Features and Benefits:

- SceneSafe Powders are smaller in size (nano-particles) than other fingerprint powders and develop latent marks with a higher definition.
- SceneSafe Powders are designed not to clump and excess powder can be easily removed from the brush.
- Latent marks may be developed up to twenty-eight days after prints made.
- Latent marks developed by SceneSafe Powders can be interrogated for drugs of abuse (cocaine, heroin, amphetamines, etc) pharmaceuticals, nicotine and explosives.
- Safe to use with no additional HSE requirements.
- SceneSafe Laboratory service for the analysis of finger prints (if required)
- SceneSafe Powders are available in both magnetic and non-magnetic forms in a wide range of colours and fluorescents for use on different surfaces:



Commercial Black Magnetic Powder



SceneSafe SupraNano Powder

Improving the Forensic Yield

SupraNano™ Powders and Suspensions are applied using standard protocols and have been demonstrated in several studies to offer a superior lifted print resulting in 20%- 40% better contrast and definition across a range of surfaces when compared to standard commercial powders: Specially formulated to develop latent marks on non porous (e.g. glass, ceramics,) semi porous surfaces (e.g. plastics, non ferrous metals,) and porous surfaces up to twenty-eight days after deposition.

Independent Studies

Independent studies show a marked improvement in image and contrast across a range of surfaces.

Laminate Wood Surface – increase of 42% in definition and 41% in contrast

White Ceramic Tiles - increase of 27 % in definition and 24 % in contrast

Brown packing tape- increase of 34 % in definition and 36 % in contrast

Covering All Latent Fingerprinting requirements

Application – Reported Comments

The SupraNano™ powders lift well and have much less propensity to smudge on acetate sheet.

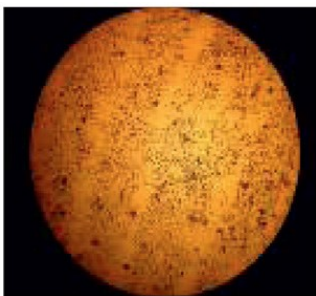
In general SupraNano™ powders are finer and give a much smoother application.

The SupraNano™ black magnetic powder gives much less background staining.

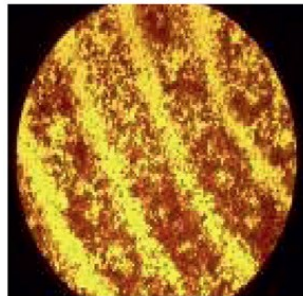
The SupraNano™ Black powder can be enhanced with a sweeping motion while the excess is removed using a clean brush.

SupraNano™ magnetic powders also work well with large flat magnetic wands.

SupraNano™ Fluorescent magnetic powders with UV light are ideal for use on busy backgrounds e.g. paper currency giving good contrast and definition.



Commercial



SupraNano Powder



SupraNano Suspension

The Range:

SceneSafe SupraNano Fingerprint Powder

SCENESAFE SUPRANANO BLACK FINGERPRINT POWDER 60ML POT / 2oz
SCENESAFE SUPRANANO BLACK FINGERPRINT POWDER 250ML POT / 8oz
SCENESAFE SUPRANANO BLACK FINGERPRINT POWDER 500ML POT / 16oz
SCENESAFE SUPRANANO WHITE FINGERPRINT POWDER 60ML POT / 2oz
SCENESAFE SUPRANANO WHITE FINGERPRINT POWDER 250ML POT / 8oz
SCENESAFE SUPRANANO WHITE FINGERPRINT POWDER 500ML POT / 16oz
SCENESAFE SUPRANANO RED FLUORESCENT LATENT FINGERPRINT POWDER 60ML POT / 2oz
SCENESAFE SUPRANANO RED FLUORESCENT LATENT FINGERPRINT POWDER 250ML POT / 8oz
SCENESAFE SUPRANANO RED FLUORESCENT LATENT FINGERPRINT POWDER 500ML POT / 16oz
SCENESAFE SUPRANANO YELLOW FLUORESCENT LATENT FINGERPRINT POWDER 60ML POT / 2oz
SCENESAFE SUPRANANO YELLOW FLUORESCENT LATENT FINGERPRINT POWDER 250ML POT / 8oz
SCENESAFE SUPRANANO YELLOW FLUORESCENT LATENT FINGERPRINT POWDER 500ML POT / 16oz
SCENESAFE SUPRANANO GREEN FLUORESCENT LATENT FINGERPRINT POWDER 60ML POT / 2oz
SCENESAFE SUPRANANO GREEN FLUORESCENT LATENT FINGERPRINT POWDER 250ML POT / 8oz
SCENESAFE SUPRANANO GREEN FLUORESCENT LATENT FINGERPRINT POWDER 500ML POT / 16oz

SceneSafe SupraNano Magnetic Fingerprint Powder

SCENESAFE SUPRANANO BLACK MAGNETIC FINGERPRINT POWDER 30ML POT / 1oz
SCENESAFE SUPRANANO BLACK MAGNETIC FINGERPRINT POWDER 250ML POT / 8oz
SCENESAFE SUPRANANO BLACK MAGNETIC FINGERPRINT POWDER 500ML POT / 16oz
SCENESAFE SUPRANANO WHITE MAGNETIC FINGERPRINT POWDER 30ML POT / 1oz
SCENESAFE SUPRANANO WHITE MAGNETIC FINGERPRINT POWDER 250ML POT / 8oz
SCENESAFE SUPRANANO WHITE MAGNETIC FINGERPRINT POWDER 500ML POT / 16oz
SCENESAFE SUPRANANO RED FLUORESCENT MAGNETIC FINGERPRINT POWDER 30ML POT / 1oz
SCENESAFE SUPRANANO RED FLUORESCENT MAGNETIC FINGERPRINT POWDER 250ML POT / 8oz
SCENESAFE SUPRANANO RED FLUORESCENT MAGNETIC FINGERPRINT POWDER 500ML POT / 16oz
SCENESAFE SUPRANANO YELLOW FLUORESCENT MAGNETIC FINGERPRINT POWDER 30ML POT / 1oz
SCENESAFE SUPRANANO YELLOW FLUORESCENT MAGNETIC FINGERPRINT POWDER 250ML POT / 8oz
SCENESAFE SUPRANANO YELLOW FLUORESCENT MAGNETIC FINGERPRINT POWDER 500ML POT / 16oz
SCENESAFE SUPRANANO GREEN FLUORESCENT MAGNETIC FINGERPRINT POWDER 30ML POT / 1oz
SCENESAFE SUPRANANO GREEN FLUORESCENT MAGNETIC FINGERPRINT POWDER 250ML POT / 8oz
SCENESAFE SUPRANANO GREEN FLUORESCENT MAGNETIC FINGERPRINT POWDER 500ML POT / 16oz

For further information or to get a quotation please contact SceneSafe

+44 (0)1621 786654

or

Sales@SceneSafe.co.uk

SceneSafe Powder Suspensions

Specifically formulated to develop latent prints and footwear marks on non porous (glass, ceramics,) and semi porous surfaces (plastics, non-ferrous metals,). SceneSafe Nanoparticle Suspension can be applied to surfaces by pouring, dipping or spraying the item.



The suspensions are at their best in outdoor scenes that have been wetted and dried or are still wet. For example the outside of vehicles, UPVC windows/doors, glass, painted surfaces like fences and even engineered/glazed bricks. Any semi smooth, no-porous/semi porous surface can be sampled.

The Black suspension has been shown to work successfully on painted surfaces and Zinc coated security fences.

The suspensions are designed to fluoresce at different wavelengths within the light spectrum while eliminating background interference under certain wavelengths. For example the Yellow Suspension is highly fluorescent under UV long wave and blue light (300 – 450 nm) and is an excellent choice for many surfaces. The Green Suspension is optimal under blue light (400 – 450 nm) and can be filtered using a band pass filter (yellow 470 nm) for more specific searching.

Features and benefits:

- SceneSafe Suspension is able to develop on a wide range of surfaces, it is a viable alternative to CNA development as it can develop latent prints that have been contaminated in water.
- Quick and effective application process with no specialist equipment needed.
- SceneSafe suspension is capable of developing footwear marks on wide range of surfaces.
- SceneSafe yellow suspension can be used after CNA development to stain fumed latent prints and also develop any latent prints not developed by the superglue.
- SceneSafe Suspension is smaller in particle size than other suspensions and offers better definition. Safe to use with no additional HSE requirements.
- SceneSafe Laboratory service for analysis of finger prints (if required)
- SceneSafe Suspensions are available in a wide range of colours and fluorescents for use with different surface contrasts:



The Black suspension has been shown to work successfully on painted surfaces and Zinc coated security fences.



Red Suspension is an excellent colour choice for removal of busy backgrounds effecting the performance of the print



Green Suspension is optimal under blue light (400 – 450 nm) and can be filtered using a band pass filter (yellow 470 nm) for more specific searching.



Yellow Suspension is highly fluorescent under UV long wave and blue light (300 – 450 nm) and is an excellent choice for many surfaces.

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