



Product Name: SUPRANANO BLACK MAGNETIC FINGERPRINT POWDER

Product code: 02BLK Revision Date: September 01, 2013

SECTION 1 Identification of the substance/mixture and of the company/undertaking		
Product Name	SUPRANANO BLACK MAGNETIC FINGERPRINT POWDER	
Product Code	02BLK	
Recommended use	Latent fingerprint powder	
Product description	Black powder, iron based	
Company	ARRO Supranano Ltd	
	INEX Business Facility	
	Newcastle upon Tyne	
	NE1 7RU	
Telephone	+44 (0)191 222 3576	
Fax	+44 (0)191 222 3545	
Emergency telephone number (Monday – Friday 0800 – 1700)	+44 (0)191 222 3576	
Website	www.arrosupranano.com	
SECTION 2 Hazards Identification		

## Classification of the substance or mixture

Not a hazardous substance in accordance to Regulation (EC) No 1272/2008.

#### Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

Precautionary statement(s)	P264 Wash hands thoroughly after handling		
	P280 Wear protective gloves/protective clothing/eye protection/face protection		
	P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.		
	Remove contact lenses, if present and easy to do. Continue rinsing		
	P337+P313 IF eye irritation persists: Get medical advice/attention		
Other hazards	None		

# SECTION 3 Composition of hazardous ingredients

Hazardous components	CAS-No.	%w/w	EC-No.	EU classification
Carbon black	1333-86-4	5%	215-609-9	None

# SECTION 4 First aid measures

# Description of first aid measures

#### If ingested

Wash out mouth with water, do not induce vomiting. If conscious, give half a litre of water to drink and transfer to hospital.

#### If inhaled

If breathed in, remove from exposure into fresh air. Consult a doctor.

## In case of skin contact

Wash immediately with soap and water.

#### In case of eye contact

Bathe the eye with running water for 15 minutes. Consult a doctor.

## Information for doctor: Important symptoms

#### If ingested

Irritating if swallowed, there may be soreness and redness of the mouth and throat.

Absorption through the lungs could possibly occur, causing similar symptoms to those of ingestion. Chronic lung conditions could be aggravated by high concentrations of dust.



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In case of skin contact				
Mild irritation may be caused at th	ne site of contact.			
In case of eye contact				
Mild irritation and redness.				
	SECTION 5 Firefighting measures			
Suitable extinguishing media				
Extinguishing agents	Non-combustible extinguishing media should be used.			
Advice for firefighters				
Protective equipment	In combustion emits toxic fumes. Wear self-contained breathing apparatus; wear			
	protective clothing to prevent contact with skin and eyes.  Fine, dry dust suspensions can explode in presence of ignition. Combustion produces			
Hazardous combustion	carbon monoxide, carbon dioxide, smoke, soot and minor amounts of nitrogen oxides			
products / Special hazards	and sulphur.			
	SECTION 6 Accidental release measures			
Personal precautions	Refer to section 8 for personal protection, do not create dust.			
Environmental precautions	Do not discharge into drains or rivers.			
Clean up procedures	Vacuum or sweep and transfer to a closable, labelled container and dispose according to local regulations.			
	SECTION 7 Handling and storage			
December of the set of the setting	Ensure that there is sufficient ventilation of the area.			
Precautions for safe handling	Avoid formation of dust.  Minimise the release of the substance or mixture to the environment			
	Store in a cool, well-ventilated area.			
Precautions for safe storage	Do not store above 120° F. Keep away from oxidising agents. Keep the container			
	tightly closed until use.			
	SECTION 8 Exposure controls/personal protection			
Personal protective equipment				
Hygiene Measures	Keep away from foodstuffs.  Avoid contact with eyes and skin.			
,3 : : : : : : : : : : : : : : : : : : :	Handle in accordance with good industrial hygiene and safety practice by using			
	adequate ventilation and personal protection as needed.			
Oldin and back made then	Wash hands before breaks and at the end of the work day.			
Skin and body protection	Protective clothing, gloves and rubber footwear for heavy contamination or spills.			
Eye protection	Safety glasses or splash goggles are advised to be worn while handling.  Not required in unconfined or well-ventilated areas.			
	Use NIOSH or EU EN149 standard approved respirators for areas where general			
Respiratory protection	ventilation is not possible			
Hand protection	Handle with gloves.			
	SECTION 9 Physical and chemical properties			
Appearance				
Form	Powder, iron based			
Colour	Black			
Odour	Not characteristic			
Safety data				
рН	No data available			
Melting point	No data available			
Boiling point	No data available			
Flash point	No data available			
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## **MATERIAL SAFETY DATA SHEET**

According to regulation (EC) 11907/2006



# **Product Name: SUPRANANO BLACK MAGNETIC FINGERPRINT POWDER**

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Evaporation rate   No data available   Lower explosion limit   No data available   Lower explosion limit   Upper explosion limit   No data available   No data available   No data available   No data available   Relative density   No data available   Solubility   Insoluble in water and solvents, dispersible in liquids.  Auto-ignition temperature   No data available   SECTION 10 Stability and reactivity   Stable under normal conditions.  Conditions to avoid   Do not expose to heat above 300°C. Keep away from oxidising agents in order to avoid exothermic reactions.  Incompatible materials   Strong oxidisers such as chiorates, bromates and nitrates.  Incompatible materials   Strong oxidisers such as chiorates, bromates and nitrates.  Incompatible materials   Strong oxidisers such as chiorates, bromates and nitrates.  In combustion emiss mode, soot and toxic furnes.  SECTION 11 Toxicological information  Acute toxicity   Flazardous Components   CAS #/ EINECS #/ LD50 of Ingredient   LC50 of Ingredient   Carbon black   1333-86-4/215-609-9   >8000 mg/kg (oral, rat)   No data available   Sin irritation   Irritant feffect   SECTION 12 Ecological information  Toxicity   No data available   SECTION 13 Disposable considerations   SECTION 14 Transport information   No data available   SECTION 15 Regulatory information   No data available   SECTION 16 Other information   No data available   SECTION 18 available   SECTION 19 Other information   No data available   SECTION 1	Product code	. UZDLK		Kevision Dai	te: September 01, 2013		
Lower explosion limit Upper explosion limit No data available  Vapour pressure Relative density No data available Relative density No data available Viscosity No data available Viscosity No data available  Viscosity No data available  Viscosity SECTION 10 Stability and reactivity  Chemical stability Stable under normal conditions. Do not expose to heat above 300°C. Keep away from oxidising agents in order to avoid exothermic reactions.  Incompatible materials Strong oxidisers such as chlorates, bromates and nitrates.  Hazardous decomposition In combustion emits smoke, soot and toxic fumes.  SECTION 11 Toxicological information  Acute toxicity  Hazardous Components CAS #/ EINECS # LD50 of Ingredient LC50 of Ingredient Carbon black 1333-86-4 / 215-609-9 >8000 mg/kg (oral, rat) No data available  Fey irritation Irritant for skin and mucous membrane  Eye irritation  Toxicity No data available  No data available  Persistence and degradability No data available  No data available  No data available  No data available  Additional information No data available  SECTION 13 Disposable considerations  SECTION 14 Transport information  None required  SECTION 15 Regulatory information  None required  SECTION 16 Other information  The above information is believed to be correct but does not support to be all inclusive and shall be used only as a guide. ARRO SuppraNao Ltd skall not be held liable for any damage from handling or contact	Evapora	ation rate	No data available				
Upper explosion limit   No data available	Ignition to	emperature	No data available				
No data available   Relative density   No data available   No data available   Solubility   Insoluble in water and solvents, dispersible in liquids.	Lower exp	olosion limit	No data available				
Relative density Solubility Insoluble in water and solvents, dispersible in liquids.  Auto-ignition temperature Decomposition temperature Viscosity No data available  **SECTION 10 Stability and reactivity  Chemical stability Conditions to avoid Do not expose to heat above 300°C. Keep away from oxidising agents in order to avoid exothermic reactions.  Incompatible materials Strong oxidisers such as chlorates, bromates and nitrates.  Hazardous decomposition products  SECTION 11 Toxicological information  Acute toxicity  Hazardous Components Carbon monoxide, Carbon dioxide, Oxides of sulphur. In combustion emits smoke, soot and toxic furnes.  **SECTION 11 Toxicological information**  Acute toxicity  Hazardous Components Carbon Hazardous Components Carbon black 1333-86-4/215-609-9 >8000 mg/kg (oral, rat) No data available  Firitant for skin and mucous membrane  Eye irritation Irritant effect  **SECTION 12 Ecological information**  Toxicity No data available  **No data available**  No data available  Persistence and degradability No data available  No data available  Additional information No data available  **SECTION 13 Disposable considerations**  **SECTION 13 Disposable considerations**  **SECTION 14 Transport information**  None required  **SECTION 15 Regulatory information**  The above information is believed to be correct but does not support to be all inclusive and shall be used only as a guide. ARRO SupraNano Lid shall not be held liable for any damage from handling or contact	Upper exp	olosion limit	No data available				
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Chemical stability	Viso	cosity	No data available				
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Incompatible materials   Strong oxidisers such as chlorates, bromates and nitrates.	Chemical stab	ility	Stable under normal conditions.				
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Hazardous Components CAS #/EINECS # LD50 of Ingredient Carbon black 1333-86-4 / 215-609-9 >8000 mg/kg (oral, rat) No data available  Skin irritation Irritant for skin and mucous membrane  Eye irritation Irritant effect  SECTION 12 Ecological information  Toxicity No data available Persistence and degradability No data available Bio accumulative potential No data available Mobility in soil No data available  Additional information No data available  SECTION 13 Disposable considerations  Waste treatment methods Follow all local guidance and regulations on disposal for used and unused product.  SECTION 14 Transport information  None required  SECTION 15 Regulatory information  Risk phrases No data available  Safety phrases No data available  The above information is believed to be correct but does not support to be all inclusive and shall be used only as a guide. ARRO SupraNano Ltd shall not be held liable for any damage from handling or contact			SECTION 11 Toxicologica	<i>information</i>			
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