

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product: toner used to fill OB-8963A MG cartridge

Supplier: Supplies Team

Address: Sheffield Airport Business Park, Europa Link, Sheffield, S9 1 XU

Information Phone: 0114 256 6000

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Family

Thermoplastic Powder

<b>Hazardous components</b>	<b>CAS No.</b>	<b>WT%</b>
Styrene-butyl acrylate-acrylic acid:	68110-06-05	80-95%
Magenta pigment:	519212-8	3-5%
Amorphous silica:	092797-60-9	2-5%
Titanium dioxide:	13463-67-7	<1%

## 3. HAZARDS IDENTIFICATION

Skin:	Slight irritation
Eyes:	Dust may cause irritation by mechanical abrasion
Ingestion:	None known
Inhalation:	Nontoxic
Carcinogenicity:	N.A.
Medical conditions	
Aggravated by long-Term exposure:	Accumulation of dust in the respiratory system may cause congestion

## 4. FIRST AID MEASURES

Eye Contact:	Flush eyes immediately with plenty of water for at least 15 mins. Get medical attention.
Skin Contact:	Wash affected area thoroughly with soap and water. If irritation persists, consult a doctor.
Ingestion:	No adverse affects anticipated by this route of exposure incidental to proper handling.
Inhalation:	Remove from exposure.

## 5. FIRE FIGHTING MEASURES

Flash Point And Method:	N.A.
Flammable Limits:	N.A.
LEL:	N.A.
UEL:	N.A.
Fire Extinguishing Media:	Water, foam, CO <sub>2</sub> , dry chemical.
Special Fire Fighting Procedures:	Avoid inhalation of smoke. Wear MSHA/NIOSH self contained breathing apparatus. Cool fire exposed containers with water spray.
Unusual Fire And Explosion Hazards:	This material has no unusual fire or explosion hazards.

## 6. ACCIDENTAL RELEASE MEASURES

Minimize the release of particulates. Wear personal protective equipment. Do not use a vacuum cleaner. Lightly spray with water to prevent development of dust, and spills should only then be swept up or wiped up. The residuals can be removed with soap and water. place the toner in a designated place, covering up the floor and surrounding matters with suitable sheets such as paper, in case of not being able to scrub the floor with water. The used sheets should be wrapped up and transferred into a suitable container for disposal. Garments may be washed or dry cleaned, after removal of loose toner

## 7. HANDLING AND STORAGE

Handling precaution:	Keep containers closed at all times. Avoid creating dust. Keep away from ignition sources.
Storage requirements:	Store at room temperature. Keep away from strong oxidisers
Regulatory requirements:	N.A.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:	
OSHA PEL	TWA 5.0mg/m <sup>3</sup> (inert of nuisance dust: respirable fraction). 15.0mg/m <sup>3</sup> (inert of Nuisance dust: total dust).
ACGIH TLV:	TWA (2001). 3.0mg/m <sup>3</sup> (particulates not otherwise classified: Respirable particle mass). 10.0mg/m <sup>3</sup> (particulates not otherwise classified: inhalation particle mass)
Respiratory protection:	In dusty atmospheres, use an approved dust respirator.
Skin protection:	No precautions should be needed under normal use.
Eye protection:	No precautions should be needed under normal use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Fine powder.
Odor:	None.
Boiling Point:	N.A.
Melting Point:	<100 deg
Specific Gravity (H <sub>2</sub> O=1):	-1.3
Vapor Pressure:	N.A.
Solubility In Water:	Insoluble.
Evaporation Rate(Butyl Acetate=1)	N.A.

## 10. STABILITY AND REACTIVITY

Stability:	This is a stable product.
INCOMPATIBILITY (Material to Avoid):	Oxidising materials.
Hazardous Decomposition or Byproducts:	Carbon oxides, hydrocarbons (by high heat and fire).
Hazardous Polymerization:	Products of combustion may be toxic. Avoid breathing smoke+
Conditions to Avoid:	None.

**11. TOXICOLOGICAL INFORMATION**

Oral Ld50:	>5g/kg (rats) non toxic.
Dermal Ld510:	>5g/kg (rabbits) non toxic
Inhalation Ld50:	>5g/kg (rat) non toxic
Aquatic: Ld50:	>1000mg/l non toxic

**12. ECOLOGICAL INFORMATION**

No data given.

**13. DISPOSAL CONSIDERATIONS**

Disposal: Waste material may be disposed of in accordance with applicable federal, state and local environment regulations.

**14. TRANSPORTATION INFORMATION**

Not regulated under RID/ADR, IMDG and ICAO/IATA

**15. REGULATORY INFORMATION**

This product is not regulated as a hazardous substance.

**16. OTHER INFORMATION.**

The information contained in this safety data sheet is provided in accordance with the requirements of the regulations. The product as contained within an inkjet cartridge and used according to normal usage, doesn't present environmental or health risks. The cartridge should not be treated in such a way as to ensure that no toner spills into the environment without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of this product are outside the supplier's control, the user is responsible for ensuring that requirements of relevant legislation are complied with.

The information contained herein is for health and safety guidance only and does not constitute a specification. It is, to the best of our knowledge and belief, accurate. However since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the end user to comply with all applicable laws and regulations.

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