

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product: toner used to fill OB-00167 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

Hazardous components	CAS No.	WT%
Styrene	25036-16-2	30~45
Magnetite	1309-38-2	45~55
Polyolefin	9002-88-4	1~5
Metal Complex	104815-18-1	1~5
Silica	67762-90-7	1~2

## 3. HAZARDS IDENTIFICATION

Emergency Overview:

Product is stable, non-flammable powder. If used as intended, the product does not present an acute or chronic health hazard.

Physical Hazards:

This product is not classified as flammable or combustible. It will burn in case of fire. Avoid contact with strong oxidizers such as chromate, bromate and nitrates.  
Inhalation, dermal contact, incidental ingestion.

Routes of Exposure:  
Inhalation:

Excessive inhalation may cause irritation of nose, throat and respiratory tract.

Eyes Contact:

Not an irritation.

Dermal Contact:

Not an irritation, not a sensitizer.

Ingestion:

None identified.

Chronic effects:

Not currently known.  
None identified.

Reproductive/Developmental:

Target Organs:

Prolonged breathing of high concentrations may cause adverse effects on the respiratory system.

Signs and Symptoms of Exposure:

Prolonged exposure to dusts of this product may irritate the respiratory system.

Medical Conditions Aggravated by

Respiratory disorders, such as asthma, may be aggravated by prolonged exposure to high concentrations of this product.

Exposure to this Product:

## 4. FIRST AID MEASURE

Eyes:

Flush eyes immediately with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact:

Wash skin with soap. If irritation occurs or is persistent, seek medical attention.

Ingestion:

Dilute stomach contents with several glasses of water. Get

Inhalation:

medical attention.

Remove to fresh air immediately. Get medical attention if needed.

**5. FIRE FIGHTING MEASURES**

Flash Point and Method:

N.A.

Flammable Limits:

N.A.

LEL:

N.A.

UEL:

N.A.

Fire Extinguishing Media:

Water, fog, foam, CO<sub>2</sub>, dry chemical.

Fire-Fighting Equipment:

Wear full bunker gear including a positive pressure self-contained breathing apparatus in case of burning in large quantities.

Unusual Fire &amp; Exposure hazards:

Toner material, like most organic material in powder form, is capable of creating a dust exposure.

**6. ACCIDENTAL RELEASE MEASURES**

Spill/leak Procedures:

Wear personal protective equipment. Avoid breathing dust. Minimize the release of particles. Vacuum or sweep the material into a bag or other sealed container. If a vacuum is used, the motor must be rated as a dust tight. Dispose of waste toner in accordance with local requirements.

Miscellaneous:

Keep product out of sewers and watercourses.

Personal Protection:

Avoid inhalation of dust.

**7. HANDLING AND STORAGE**

Special Handling:

Cleanse skin after contact before breaks or meals, and end of workday.

Special storage:

Avoid direct sunlight. Keep out of reach of children. Store in a cool, dry place.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Respiratory Protection:

Not required under normal use.

Hand Protection:

Not required under normal use.

Skin Protection:

Not required under normal use.

Eye Protection:

Not required under normal use.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Black fine powder.
Odour:	Slight plastic odour.
Boiling Point:	N.A.
Vapour Pressure:	N.A.
Vapour Density (Air=1):	N.A.
Solubility In Water:	Negligible.
Melting Point:	100~150 (softening point).
Specific Gravity (H <sub>2</sub> O=1):	1.0~1.5
Evaporation Rate (Butyl Acetate=1):	N.A.

**10. STABILITY & REACTIVITY**

Stability:	Stable.
Incompatibility (Material to Avoid):	Oxidizing materials.
Hazardous Decomposition or Byproducts:	Carbon oxides and other decomposition products when burned.

**11. TOXICOLOGICAL INFORMATION**

Acute Toxicity Inhalation:	LC <sub>50</sub> : inh-rat>5mg/L/4 hrs. (Data from similar toner), not harmful.
Eye contact:	Not classified as irritant, according to OSHA Hazard Communication Standard (HCS) and EU Directive 67/548/EEC (Data from ingredients of toner).
Skin contact:	Not classified as irritant, according to OSHA Hazard Communication Standard (HCS) and EU Directive 67/548/EEC.
Chronic Toxicity: Sensitization:	No data available. Not classified as a sensitizer according to EU Directive 67/548/EEC and strong sensitizer list of OSHA HCS (US).
Mutagenicity:	Negative, does not indicate mutagenic potential. (Ames Test: Salmonella typhimurium).
Carcinogenicity:	Not a known or suspected carcinogen according to any IARC Monograph, NTP, OSHA Regulations (USA), EU Directive, or Proposition 65 (California).
Reproductive Toxicity:	Not classified as toxic according to EU Directive 67/548/EEC, California Prop.65, or DFG (Germany).

**12. ECOLOGICAL INFORMATION**

No data given.

**13. DISPOSAL CONSIDERATIONS**

Waste Disposal Method: Dispose according to federal, state and local regulation.

#### **14. TRANSPORTATION INFORMATION**

D.O.T Shipping Name: Not regulated.

#### **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 laser should not be treated in such a way as 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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