

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product: toner used to fill OB-00717 BL cartridge

Supplier: Supplies Team

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

Information Phone: 0114 256 6000

## 2. 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 Hazard:

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.

Routes Of Exposure:

Inhalation, dermal contact, incidental ingestion.

Inhalation:

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

Eye Contact:

Not an irritant.

Dermal Contact:

Not an irritant, not a sensitizer.

Ingestion:

None currently known.

Chronic Effects:

None currently known.

Reproductive/Developmental:

None identified.

Target Organs:

Prolonged breathing of high concentration 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 Generally Aggravated By Exposure:

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

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients            | CAS No.     | Percent(Wt) |
|------------------------|-------------|-------------|
| Styrene Acrylic Resin: | 25036-16-2  | 40~50       |
| Magnetite              | 1309-38-2   | 45~55       |
| Polyolefin:            | 9003-07-0   | 1~5         |
| Metal Complex:         | 104815-18-1 | 1~5         |
| Silica:                | 68611-44-9  | 1~2         |

## 4. FIRST AID MEASURE

Inhalation:

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

Skin Contact:

Wash contaminated areas with soap and water.

Eye Contact:

In case of contact, immediately flush eyes with water for 15 minutes. Get medical attention if needed.

Ingestion:

Dilute stomach contents with several glasses of water. Get medical attention.

## 5. FIRE FIGHTING MEASURES

|   |  |
|---|--|
| Suitable Extinguishing Media:                                 | CO <sub>2</sub> , dry chemical, foam or water.   |
| Extinguishing Media Which May Not Be Used For Safety Reasons: | None.  |
| Ignition Temperature:   | No data available.   |
| Special Protective Equipment For Fire Fighters:               | None.  |
| Unusual Fire And Explosion Hazards:                           | Toner material, like most organic materials in powder form, is capable of creating a dust explosion. |

## 6. ACCIDENTAL RELEASE MEASURES

|                      |   |
|----------------------|---|
| Spill Or Leak:       | Wear personal protective equipment as described in section 8, 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 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: | None required under normal use. |
| Hand Protection:        | None required under normal use. |
| Skin Protection:        | None required under normal use. |
| Eye Protection:         | None required under normal use. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                      |                       |
|----------------------|-----------------------|
| Characteristics      |                       |
| Appearance           | Fine black powder.    |
| Form:                | Powder.               |
| Odour:               | Slight plastic odour. |
| Solubility In Water: | Negligible.           |
| Specific Gravity:    | 1.0~1.5.              |
| Melting Point:       | 100~150.              |
| Vapour Pressure:     | N/A.                  |
| Vapour Density       | N/A                   |
| Evaporation Rate:    | N/A                   |
| Boiling Point:       | N/A                   |

## 10. STABILITY AND REACTIVITY

Stability: Stable.  
Conditions To Avoid: None.  
Materials to avoid: None.  
Hazardous Decomposition Or By Products: CO and CO<sub>2</sub> and other decomposition products when burned.

## 11. TOXICOLOGICAL INFORMATION

Acute Toxicity  
Inhalation: LC<sub>50</sub>: inh-rat>5mg/L/4hrs. (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: No data available.  
Sensitization: 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 67/548/EEC, California Prop.65,or DFG(Germany).

## 12. ECOLOGICAL INFORMATION

No data given.

## 13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Be disposed of under conditions that meet all federal, state and local environmental regulations.

## 14. TRANSPORTATION INFORMATION

No data given. This is not a hazardous product.

## 15. REGULATORY

Chemicals Required to Report Under Sara Title iii Section 313 (USA): None.  
Chemicals Required to Report Under Sara Title California Proposition 65 (USA): None.

Label Information According To The Directives 88/379/EEC And 67/548/EEC (EU)

Symbol and Indications: Not required.  
Dangerous and Components (CAS No.)Wt%: None.  
Other: None.

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**Special Provisions in Relation to Protection of Man or the Environment**

|                |               |
|----------------|---------------|
| (EEC) 2245/92: | Not required. |
| 76/769/Eec:    | Not required. |
| (EC) 3093/94:  | Not required. |
| Other:         | None.         |

**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 a laser cartridge and used according to normal usage, doesn't present environmental or health risks. The cartridge should not be treated in such a way 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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