

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product: ink use to fill OB-TE30 BK 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

Ingredient	CAS#	Conc.% by weight
Styrene acrylic resin	25036-16-2	30~45
Magnetite	1309-38-2	45~55
Polyolefin	Trade secret	1~5
Metal complex	Trade secret	1~5
Silica	67762-90-7	1~2

3. HAZARDS IDENTIFICATION

Emergency Overview: Product is stable, nonflammable 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.

Routes of Exposure: Inhalation, dermal contact, incidental ingestion.

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

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 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 Exposure to this Product:

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

4. FIRST AID MEASURES

Inhalation:

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

Eye Contact:

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

Skin Contact: Wash with soap and water. If irritation occurs or is persistent, seek medical attention

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

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:

CO₂, 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 & explosion hazards:

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

6. ACCIDENTAL RELEASE MEASURES

Spill / leak Procedures: 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.

Eye Protection: None required under normal use.

Skin Protection: None required under normal use.

9. PHYSICAL AND CHEMICAL PROPERTIES

CHARACTERISTICS:

Appearance: Fine black powder

Melting point: 100~150°C (Softening point)

Form: Powder

Vapor pressure: n/a

Odor: Slight plastic odor

Vapor density: n/a

Solubility in Water: Negligible Evaporation rate: n/a

Specific gravity: 1.0 ~ 1.5

Boiling point: n/a

10. STABILITY AND REACTIVITY

Conditions to avoid: None

Materials to avoid: None

Stability: Stable

Hazardous decomposition products: CO and CO₂ and other decomposition products when burned.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

Inhalation: LC₅₀: 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: 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, 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

None

13. DISPOSAL CONSIDERATIONS

Used Toner should be disposed of under conditions that meet all federal, state and local environmental regulations.

14. TRANSPORTATION INFORMATION

None. This is not a hazardous product.

15. REGULATORY INFORMATION

Chemicals Required to Report Under Sara Title III Section 313 (USA):

None

Chemicals Required to Report Under 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 Components (CAS No.) wt%:

None

Other:

None

Special provisions in relation to protection of man or the environment:

(EEC) 2455/92:

Not regulated.

76/769/EEC:

Not regulated.

(EC)3093/94:

Not regulated.

Other:

None

16. OTHER INFORMATION

All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. This information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. Office Basics makes no warranty, express or implied, as to the accuracy or completeness of this information. It is the user's responsibility to determine the suitability of this information for the adoption of necessary safety precautions and/or compliance with federal, state, and local laws and regulations.