

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product: toner used to fill OB-CB400A BK cartridge

Supplier: Supplies Team

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

Information Phone: 0114 256 6000

2. HAZARDS IDENTIFICATION

Primary routes of Entry: Inhalation of dust, skin contact.

Hazardous property: None

Environmental impact: None

GHS: N/A

Signs and Symptoms of Exposure: Irritation of eyes and respiratory tract may occur in heavy dust conditions.

Medical Conditions Generally Aggravated by Exposure: None known

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	%	CAS Number	REACH Registered Number	TLV
Saturated Polyester Resin	80-95	Registered	Pre-registered	N/A
Carbon Black	2-8	1333-86-4	Pre-registered	3.5mg
Polypropylene wax	0.5-5	Registered	Pre-registered	N/A
Metal-Complex Dye	<2	Registered	Registered	N/A
Silica	0.5-5	Registered	Pre-registered	N/A

4. FIRST AID MEASURE

Immediate medical procedures: None

Eyes: Flush with water. If irritation persists, get medical attention

Skin: Wash thoroughly with soap and water

Inhalation: Remove from exposure, gargle with water

Ingestion: Dilute stomach contents with several glasses of water

Additional Info: None

5. FIRE FIGHTING MEASURES

Fire Extinguishing Media: Water, fog, foam, CO2, 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: Like many finely divided materials, toner dust in high concentrations can form an explosive mixture in air.

6. ACCIDENTAL RELEASE MEASURES

Precaution for human: When working, the protection tool such as the antidust masks is used if necessary.

Precaution for environment: The leakage to a sewer or a river is prevented.

Prevention of second disaster: Take up avoiding formation of dust.

Methods for cleaning up: Sweep up as with any non-toxic powder, when spilling it.

7. HANDLING AND STORAGE

Handling: Eye protection and respirators may be required for bulk handling

Storage: Store in a cool dry location

Other: Please do not use for application other than printer.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit values: ACGHI: Respirable dust 3mg/m³, Total dust 10mg/m³

Ventilation: Local exhaust ventilation recommended.

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 black powder.

Odour: Faint.

Melting Point: 100°C

Flash Point: N/A

Explosive limits: LEL: N/A UEL: N/A

Boiling Point: N.A.

Vapor Pressure: N.A.

Vapor Density: N/A

Solubility in Water: Insoluble.

Melting Point: N.A.

Specific Gravity (H₂O=1): 1.0-1.5

Evaporation Rate (Butyl Acetate=1): N.A.

10. STABILITY & REACTIVITY

Stability: This is a stable product.

Material to Avoid: Oxidizing materials.

Hazardous Decomposition or Byproducts: None

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Irritation Eye: Not classified as irritant, according to Directive 67/548/EEC.(data from similar toner)
 Skin: Not classified as irritant, according to Directive 67/548/EEC.(data from similar toner)

Reproductive toxicity: No data

Skin sensitization: Not classified as a skin sensitizer, according to Directive 67/548/EEC (data from similar toner)

Inhalation toxicity: LC₅₀; inh-rat>5.19mg/L/4 hours, (data from similar toner) ,not harmful.

Oral toxicity: LD₅₀>2500mg/kg body weight, not harmful.

Aspiration hazard: No data

Carcinogenicity:

NTP → No

IARC → No

OSHA → No

TRGS 905 → No

Mutagenicity: Ames test Negative in similar formulation.

12. ECOLOGICAL INFORMATION

Ecotoxicity: IC₅₀(for algae 72h)/Pseudokirchneriella subcapitata: IC₅₀>100mg/L(data from similar toner)

Mobility: No Data

Persistence and degradability : No Data

Bio accumulative potential : No Data

Results of PBT assessment: No Data

Other adverse effects:None

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Small quantities should be disposed of in accordance with applicable federal state and/or local regulations.

14. TRANSPORTATION INFORMATION

UN Number: N/A

UN Shipping name: N/A

UN Classification: N/A

UN Packaging Group: N/A

Marine Pollutant: N/A

Special precautions: Keep container sealed. Keep container dry.

15. REGULATORY INFORMATION

All components are listed on TSCA Inventory (USA) and METI list (Japan). Labelling according to EU Directive 67/548/EEC.

R & S Phrases: Not required

Hazard Symbol: Not required

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 laser 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 spill 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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