



Material Safety Data Sheet

05/01/2006

Section 1: Product and company identification

Company Name: The AQC Group UK Ltd.
Address: 22, Cakerstream Road, Mill Lane
City, County, Postcode: Alton, Hampshire, GU34 2QA
Telephone and Fax: (44) (0) 1420 544455, (44) (0) 1420 544488 - Website: www.aqcgroup.co.uk
Product Code: 4-112 B Ferrite Carrier
Description: Dry Grey Powder
Name: 4-112 B Ferrite Carrier

Section 2: Composition / Identity of Ingredients

Ingredients	CAS No.	Weight (%)
Iron Oxide (Fe ₂ O ₃)	1309-37-1	67 – 71
Zinc Oxide (ZnO)	1314-13-2	12 – 15
Copper Oxide (CuO)	1317-38-0	12 - 18
Manganese Oxide (MnO)	1344-48-0	1 – 3
Silicone Resin	TSCA registered	0.5 – 1.5
Organo Titanium	TSCA registered	<0.5

Section 3: Hazardous Identification (Emergency overview)

Toner dust is a combustible powder the formation of an explosive dust-air mixture is possible. Toner dust may cause discomfort for the eyes and respiratory tract.

Section 4: First Aid Procedures

EYES	Flush with water – holding eyelids apart, for 15 minutes
INHALATION	Remove from exposure, obtain medical attention if ill effects occur
SKIN	Wash with water, obtain medical attention if ill effects occur
INGESTION	Dilute stomach contents with water, If large quantity swallowed seek medical advice

Section 5: Fire fighting measures

Extinguishing Media:	Foam, water, water spray (fog) CO ₂ – Treat as Class B fire
Flash point:	*N.A.
Hazardous products of decomposition:	*N.A.
Special Fire Fighting Procedures:	A self contained breathing apparatus and suitable protective clothing should be worn
Unusual Fire and Explosion Hazards:	Toner is a combustible powder; formation of an explosive dust-air mixture is possible. Avoid all ignite sources.

Section 6: Accidental release measures

Spills can be cleaned using vacuum cleaner, or damp cloths. Do not allow to enter drains, sewers or watercourses.

Section 7: Handling and Storage

Keep all bottles, bags, bulk toner storage containers tightly closed to prevent dust formation. Handle with care. Avoid breathing dust. Keep in a cool dry area. Max temperatures: 38°C 100°F. Take precautionary measures against static discharges.

Section 8: Exposure controls / personal protection

Wear suitable respiratory protective equipment if exposure to levels above the occupational exposure limit is likely, gloves, eye, face protection. For Industrial hygiene, after skin contact, wash with cold water and soap.



Material Safety Data Sheet

05/01/2006

Section 9: Physical and Chemical Properties

Boiling Point (°C):	Not applicable for solid mixtures
Vapour Pressure (mm Hg):	No data
Vapour Density (Air = 1):	No data
Solubility In Water:	Insoluble
Solubility in Organic Solvents:	Soluble in some solvents
Specific Gravity (H ₂ O = 1):	5.2
Melting Point (°C):	1400°C
Evaporation Rate (Butyl Acetate –1):	Less than negligible
Appearance and Odour:	Fine Grey powder. Odourless

Section 10: Stability and Reactivity

Thermal decomposition:	Above 300 °C
Hazardous decomposition products:	None at Intended use
Hazardous reaction:	None
Combustion products:	Carbon dioxide

Section 11: Toxicology Information

Threshold Limits:	No Data
Routes of Entry:	
Eyes:	Possible may cause slight discomfort.
Inhalation:	Possible may cause slight discomfort.
Skin:	None known, no adverse affects are expected.
Ingestion:	Possible, considered harmless.
Health Hazards (Acute or Chronic):	None known
Carcinogenicity/ Mutagenicity:	None found
Signs or Symptoms of Exposure:	Some respiratory irritation
Medical Conditions Aggravated by Exposure:	None known.

Section 12: Ecological Information

This product is not biodegradable.
The contents are not classified as ecologically hazardous. No adverse environmental effects are expected.

Section 13: Disposal Considerations

Pack waste toner in dustproof containers to prevent dust exposure. With due observance of local laws/by laws and regulations.
Dispose of by landfill or incineration. Do not throw in open fires in order to prevent the risk of dust explosion.

Section 14: Transport Information

This product is not classified as a dangerous / Hazardous substance according to the transport regulations.

Section 15: Regulatory Information

This product is not classified as a dangerous preparation according to the European Directives 67/548/EEC and 88/379 for the classification, packaging and labelling of dangerous substances and preparations. Therefore, indications of special risks or safety advice on the packaging are not prescribed for this product.

Section 16: Other information

Use:	Dry powder for use in laser printers.
Room ventilation:	See operators manual or Safety data sheet for the printer

This safety data sheet has been compiled to the best of our knowledge as a compact guide to safe handling of this product. We make no warranty, expressed or implied to such information. We make no liability resulting from its use. It is the user's responsibility to determine the suitability of this information for the adoption of safety precautions as may be necessary and to contact the company to make sure that this sheet is the latest one issued.

Copyright 2003 AQC Group Ltd.

Visit our website at: <http://www.aqcgroup.co.uk>

AQC Group UK Ltd.

Unit 22, Cakerstream Road, Mill Lane

Alton, Hampshire. GU34 2QA

Telephone: +44 (0) 1420 544455 – Fax: +44 (0) 1420 544488