

Safety data sheetDate of issue: March 19th, 2004**1. Identification of the substance/preparation and of the company***Identification of the product:*

Trade name: "Magnetic Jet Black", article number B-45000 (200 gram), B-45100 (500 gram).

Supplier: BVDA International b.v., Postbus 2323, 2002 CH HAARLEM, The Netherlands

Telephone: +31-23-5424708 Fax: +31-23-5322358 e-mail: info@bvda.nl

2. Composition/information on ingredients

This product is a preparation.

	CAS-Number	% w/w	Symbol	R-phrases	EC-Index-No.
Iron powder	7439-89-6	80-90	-	-	-
Iron oxide	1317-61-9	<5	-	-	-
Kaolin	1332-58-7	<5	-	-	-
Ultramarine Blue	101357-30-6	<5	-	-	-

3. Hazard identification

None

4. First aid measures

General: no special precautions necessary.

After inhalation: move the person to fresh air.

After eye contact: rinse out with plenty of water with the eyelid held wide open. If symptoms persist, consult doctor.

After ingestion: in case of discomfort, seek medical attention.

5. Fire fighting measures

Suitable extinguishing media: no restrictions on fire fighting media.

6. Accidental release measures

Personal precautions: avoid formation of dust; do not inhale dusts; use respirator if necessary.

Environmental precautions: none.

Methods for cleaning up: prevent formation of dust. Take up dry and collect in a suitable container. Clean up affected area. For a large spill, collect uncontaminated material for possible reuse.

7. Handling and storage

Handling: keep away from heat and sources of ignition. Prevent formation of dust. Use with adequate ventilation.

Storage: keep container tightly closed in a dry place.

8. Exposure controls/personal protection*Personal protective equipment:*

Respiratory protection: in case of dust formation above the exposure limit: wear filter mask (filter class P1/P2).

Eye protection: safety glasses are recommended for prolonged use.

Skin protection: latex or vinyl gloves are recommended for prolonged use.

Hygienic measures: wash hands after working with the substance.

9. Physical and chemical properties

Form: powder

Color: black

Odour: odourless

pH value (20° C): not determined

Decomposition temperature: above 400°C Ultramarine Blue forms hazardous gases (SO_x) with air.

Flash point: not applicable

Specific gravity (20° C): ca. 3 g/cm³

Solubility in water and organic solvents (20° C): insoluble

10. Stability and reactivity

Conditions to be avoided: strong heating

Substances to be avoided: strong oxidizers

Dangerous decomposition products: in case of fire toxic fumes may be released: sulfur oxides [SO_x]. With water a slow, with acids, oxidizers, and alkalis a rapid evolution of hydrogen gas (fire and explosion hazard) will occur (reaction with the iron component).

11. Toxicological information

Acute oral toxicity: no adverse affects known.

Further toxicological information:

After inhalation: airborne dust may cause temporary respiratory tract discomfort.

After eye contact: slight irritation.

After ingestion: in essence non-toxic.

12. Ecological information

Biological degradation: will be largely eliminated in filtration steps.

13. Disposal considerations

Product:

There are no uniform EC Regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws and regulations. We recommend that you contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.

Packaging:

Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

14. Transport information

Not subject to transport regulations.

15. Regulatory information

Labeling according to EC Directives: -

16. Other information

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.