

Material Safety Data Sheet

in accordance with EC Directive

91/155/EEC

XEIKON PA-developer



Printed: 23.01.09

Revised: 21.01.09

Revision: 03

Page 1 of 8

1. Identification of the Substance and of the Company

1.1 Identification of the Substance or Preparation

Xeikon PA-Developer Red	Product Code :121097
Xeikon PA-Developer Blue	Product Code :121098
Xeikon PA-Developer Green	Product Code :121099
Xeikon PA-Developer Orange	Product Code :121102
Xeikon PA-Developer Clear	Product Code :121101
Xeikon PA Developer White	Product Code :121100
Xeikon PA Developer Extra magenta	Product Code :121103

1.2 Use of the Substance/Preparation :

Magnetic marking material for XEIKON high speed digital colour Printer

1.3 Manufacturer / Supplier Identification

PUNCHGRAPHIX INTERNATIONAL NV
Duwijkstraat 17
B-2500 Lier - Belgium
Tel. : (+32)-3-443.13.11
Fax : (+32)-3-443.13.09

PUNCHGRAPHIX AMERICAS Inc
1375 E Irving Park Rd
Itasca, IL 60143
Tel. : (1)-877-934-5667
Fax : (1)-630-438-7916

For Information call :

Phone No. : (+32)-3-443.13.11

Emergency Phone No. : (+32)-3-443.13.11

Material Safety Data Sheet

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91/155/EEC

XEIKON PA-developer



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Revision: 03

Page 2 of 8

2.Composition / Information on Ingredients

Substance or Preparation : Preparation

Ingredients Common Name CAS number	Content (%)	EINECS/ ELINCS	Symbol	R-Phrase
All developer formulations				
Polyester Resin 41259-36-3	<5	Not applicable	Not applicable	Not applicable
Polyester Resin 142843-99-0	<5	Not applicable	Not applicable	Not applicable
Ferrite Powder 304905-29-1	80-100		Not applicable	Not applicable
Colour Specific				
Organic Pigment Orange 15793-73-4	<1		Not applicable	Not applicable
Organic Pigment 1 Blue 68083-42-1	<1		Not applicable	Not applicable
Organic Pigment 2 blue 147-14-8	<1		Not applicable	Not applicable
Organic Pigment green 1328-53-6	<1		Not applicable	Not applicable
Organic Pigment red 6041-94-7	<1		Not applicable	Not applicable
Organic pigment magenta 980-26-7	<1		Not applicable	Not applicable
Inorganic white pigment 1317-80-2	1-4		Not applicable	Not applicable

The full text of each relevant R phrase are listed at heading 16.

3.Hazards Identification

This preparation is not classified as dangerous according to Directive 1999/45/EC.

This preparation is not classified as dangerous according to Directive 76/769/EEC.

Material Safety Data Sheetin accordance with EC Directive
91/155/EEC

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Revised: 21.01.09

Revision: 03

Page 3 of 8

XEIKON PA-developer

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Environmental Effects :

Not applicable in normal use.

Physical and Chemical Hazards :

Not applicable in normal use.

4.First Aid Measures

Immediate medical attention is not required.

Inhalation

Gargle with water, move to place in fresh air. If unsuccessful, get medical attention.

Skin Contact

Wash thoroughly with soap and water.

Eve Contact

Immediately wash eyes with plenty of water. If unsuccessful, get medical attention.

Ingestion

Dilute stomach contents with several glasses of water. If unsuccessful, get medical attention.

5.Fire Fighting Measures**Extinguishing Media**CO₂, dry chemicals, foam or water.**Specific Method**

Generally by sprinkling or extinguisher.

Special Protective Equipment for Fire-Fighters

Wear full bunker gear in case of burning in large quantities.

Sensitivity to static discharge

Avoid dusting: like most organic material in powder form, this material is capable of creating a dust explosion.

6.Accidental Release Measures**Personal Precautions**

Avoid prolonged or repeated contact with skin. Minimize inhalation of dust.

Environment Precautions

Keep product out of sewers and watercourses.

Methods for Cleaning Up

If spilled, sweep up or pick up by vacuum cleaner. Remove residue with soap and water.

Material Safety Data Sheet

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91/155/EEC

XEIKON PA-developer

Printed: 23.01.09

Revised: 21.01.09

Revision: 03

Page 4 of 8

**7. Handling and Storage****7.1 Handling (technical measures, precautions, safe handling material)**

Minimize skin contact.

Flying powder may enter eyes.

Minimize breathing dust.

Supply good ventilation.

7.2 Storage (technical measures, storage conditions, packaging material)

Avoid direct sunlight.

Do not keep this over 35 degrees centigrade.

Do not put on the ship's deck.

Keep out of reach of children.

7.3 Specific Use(s)

Only for XeiKon8000 series high speed digital Colour Printers

8. Exposure Controls / Personal Protection**8.1 Exposure Limit Values :**

not applicable

8.2 Exposure Control :**8.2.1 Occupational Exposure Control****8.2.1.1 Respiratory Protection :**

None required under normal conditions of use.

8.2.1.2 Hand Protection :

Wear gloves.

8.2.1.3 Eye Protection :

None required under normal conditions of use.

8.2.1.4 Skin and Body Protection

To prevent any contact, wear impervious clothing such as gloves, apron, boots, or whole body suits.

8.2.2 Environmental Exposure Control :

No precautions should be needed under normal use.

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91/155/EEC

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9. Physical and Chemical Properties

9.1 General Information

Form : Powder

Colour : blue, orange, red, green or grey (depending upon the developer formulation)

Odour : Slightly plastic odour

9.2 Important Health, Safety and Environmental Information

pH : not applicable Measuring Concentration(%) : -
 Boiling Point(°C) : not applicable
 Flash Point(C): not applicable
 Flammability : Not flammable
 Explosion Properties : This product is considered a non explosive material under normal use condition.
 Oxidising Properties : This product is considered a non oxidizing material under normal use condition.
 Evaporation Rate(Butyl acetate=1): not applicable
 Vapour Pressure(Pa) : not applicable Measuring Temp.(°C)
 Vapour Density(AIR=1) : not applicable
 Density (g/cm3) : approx.4,5 Measuring Temp.(°C) :25
 Viscosity : not applicable Measuring Temp.(°C) : -
 Solubility
 Water Solubility (g/L) : Insoluble Measuring Temp.(°C) : -
 Other Solvent name : not available
 Other Solvent Solubility(g/L) : - Measuring Temp.(°C) : -
 Octanol/Water Partition Coefficient: not available

9.3 Other Information

Melting pointy (°C) : not applicable

10. Stability and Reactivity

10.1 Conditions to Avoid :

Not applicable in normal use.

10.2 Materials to Avoid :

Not applicable in normal use.

10.3 Hazardous Decomposition Products :

not applicable

Material Safety Data Sheetin accordance with EC Directive
91/155/EEC

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Revision: 03

Page 6 of 8

XEIKON PA-developer

R

B

G

O

E

W

C

11. Toxicological Information**Acute Toxicity**

Acute Oral Toxicity (LD50) Rat : 5000 mg/kg or over

Acute Dermal Toxicity : not available

Acute Inhalation Toxicity : not available

Sensitization

Acute Skin Irritation (PII) : non-irritant

Acute Eye Irritation : not available

Acute Allergenic Effects : non-skin sensitive

Specific Effects**Carcinogenicity :**

No data available

Mutagenicity :

Not available

Effects on The Reproductive System :

No data is available on this product.

Teratogenic :

not available

12. Ecological Information**12.1 Ecotoxicity**

Acute Toxicity for Fish (LD50) : not available (mg/l/96hr)

Acute Toxicity for Daphnia (EC50) : not available (mg/l/48hr)

Algae Inhibition Test (IC50) : not available (mg/l/72hr)

12.2 Mobility :

no data is available on the adverse effect on the environment

12.3 Persistence / Degradability :

not available

12.4 Bioaccumulation Potential :

not known in bioaccumulation

12.5 Water Classification

Classification according to the "Verwaltungsvorschrift wassergefahrende Stoffe"

WGK 1: low hazard to waters

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Revision: 03

Page 7 of 8

**12.6 Other Adverse Effects :**

Not available

13. Disposal Consideration**Recommended Methods for Safe Environmentally Preferred Disposal:**

Used toner should be disposed of in an environmentally appropriate manner and in accordance with governmental regulations. Do not incinerate,

14. Transport Information**International Regulations**

RID/ADR :	not applicable
DOT 49 CFR :	not applicable
ADNR :	not applicable
IMDG Code :	not applicable
ICAO TI/ IATA DGR :	not applicable
The UN Classification Number :	not applicable

Specific Precautionary Transport Measures

Avoid direct sunlight. Do not keep this over 35 degrees centigrade. Do not put on the ship's deck.

Specific Materials to Avoid :

None in normal use.

15. Regulatory Information**Regulations**

This preparation is not classified as dangerous according to Directive 1999/45/EC.

This preparation is not classified as dangerous according to Directive 76/769/EEC.

16. Other Information**The full Text of R-Phrases Referred to under Heading 2 and 3 :**

Not Applicable

Note :

The data given is based on the current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product properties.