

Product:

Inkjet Indoor Poster Grade Paper

0 General information

0.1 Manufacturer

Sihl
 Allmendstrasse 125, P.O. Box 1910
 CH-8021 Zürich, Switzerland
 Telephone +41 1 205 44 11
 Fax +41 1 205 48 00
 Email info@sihl.ch
 Internet www.sihl.ch

0.2 Product identification

Name a) Inkjet GA paper 140 two in one matt 3924
 b) Inkjet GA paper 160 two in one matt 3925
 c) Inkjet GA paper 200 two in one matt 3926

Grammage 140 g/m², 160 g/m² resp. 200 g/m²

Dimension Rolls in different width and length

Sihl Part No a) 3924 b) 3925 c) 3926

0.3 Packaging

Each roll sealed in plastic film (PE) with paper board end caps at each side.

1 Chemical characterization and composition

1.0 General description

Coated paper sheet

1.1 Ingredients

In order of decreasing amount:
 Cellulose fibers
 Artificial binders
 Water (as humidity)
 Inorganic pigments
 Synthetic dyes
 Optical brighteners

1.2 Form

Solid

1.3 Color

White

1.4 Odour

None

1.5 Impurities

None known, which necessitates special measures or declaration.

Author	Approved	Date of issue	Replaces issue	Distributed to
R+D Dept. S.Oste	QM Dr. W. Brade	2000-18-12	2000-10-03	R+D, M+S, Customer.

2 Physical, fire and explosion data

(n. a. = not applicable)

2.1 Condition changes*Melting point* n. a.*Boiling point* n. a.**2.2 Density** 0.76 - 1.00 g/cm³ (at 20°C)**2.3 Vapor pressure** n. a.**2.4 Viscosity** n. a.**2.5 Solubility***Water* Partially soluble (disintegrates)*Other solvents* Partially soluble in polar organic solvents (coating).
Insoluble in non polar organic solvents.**2.6 pH value** 6-7 (paper surface measured after application of water with electrode)**2.7 Flash point** n. a.**2.8 Ignition temperature** Not determined**2.9 Explosion limits**
lower n. a.
upper n. a.**2.10 Thermal decomposition** > 110°C**2.11 Hazardous decomposition products**Burning may cause forming of toxic gases as carbon monoxide (CO) or nitric oxides (NO_x), depending on combustion conditions.**2.12 Hazardous reactions** Avoid contact with strong oxidizing agents such as concentrated sulfuric or nitric acid.**2.13 Other data** --**3 Transport**

No hazardous material. No restrictions, no special labeling required.

4 Legislation

Not covered by any restrictions for hazardous or environmentally harmful materials. No ozone depleting chemicals (ODC) contained or used for manufacturing.

5 Protection, storing and handling

5.1 Technical protection measures

Not required. Store in a dry place.

5.2 Personal protection equipment

Generally not required. Persons who tend to allergic skin reactions may wear textile gloves.

5.3 Working hygiene

No special working hygiene measures required.

5.4 Fire and explosion prevention

Store in sufficient distance from strong heat sources.

5.5 Waste disposal

Disposable with domestic waste, in accordance with the regulations of the local authorities (combustion or deposition on controlled landfills).

Recycling may be possible, but has to be tested: polymer materials may interfere with some processes.

6 Procedures for accidents and fires

6.1 Spills or leaks

n. a.

6.2 Extinguishing media

use: Water and waterbased foams
do not use: --

6.3 First aid

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6.4 More information

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7 Toxicological information

The material and the ingredients are, with our knowledge of literature and long experience, considered as non toxic to humans and warm-blooded animals.

8 Ecological information

The components dissolved in aqueous treatment of the product are all completely biodegradable; thus process water resulting from recycling is regularly treated (sewage plant with mechanical and biological step).

Sihl

Material Safety Data Sheet

MSDS No 0047

Issue No 2

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9 Other information

Best storage conditions before use are 18-25°C and 40-60% relative humidity. Do not open package in high humidity environment, where condensation could occur (cold paper in warm room). It may cause dimensional instability of the paper.

The previous information is based on our best knowledge and experience, but may not give reason for any warranties or amends.