CERTIFICATE

BROTHER INDUSTRIES, LTD. 1-5 Kitajizoyama, Noda-cho, Kariya-city JP-Aichi, JAPAN

is granted ECO PASSPORT by OEKO-TEX® certification and the right to use its trademark for the certified products listed below. This is based on the test report **NEP 1802-4**.



Textile and leather chemicals. Tested and verified.



Scope

ECO PASSPORT by OEKO-TEX®

Products: See attached enclosure

Product Category: 2.10 Printing pastes and inks with and without colourants

The above captioned products can be used for the production of human-ecological optimized textiles & leathers. The combined results of the reports mentioned above reveal that there is no harmful effect on the human and environmental health of the textiles & leathers treated/finished with the certified products. The products fulfill requirements of Annex XVII of REACH (incl. the use of azo colourants, chromium (VI), nickel release, etc.). The evaluation was based on the test methods and requirements of the ECO PASSPORT by OEKO-TEX® that were in force at the time of evaluation.

ZDHC MRSL 2.0 Conformance Level 1 is achieved for certified products without restrictions.

Supporting Documents

- Declaration of conformity in accordance with EN ISO 17050-1 included in ECO PASSPORT by OEKO-TEX® Terms of Use.
- Test Report Number: NEP 1802-4

- RSL Screening Report
- Detailed information about the components and safety data sheets of the certified chemical products.

The certificate NEP 1802 is valid until 31.08.2023

Japan, 04.08.2022

Katsuhiko Nishihara

Chemical testing department manager Nissenken



Enclosure for Certificate No. NEP 1802

BROTHER INDUSTRIES, LTD. 1-5 Kitajizoyama, Noda-cho, Kariya-city JP-Aichi, JAPAN

ECO PASSPORT

Certificate Number: NEP 1802
Test Report Number: NEP 1802-4

Certified Products

No. 1	Product Name GCX-4C-1	Trade Name GCX-4C50-1, GCX-4C70-1, GCX-4C20B-1, GCX-4C10K-1, GCX-4C35-1, GCX-4C02-1, GCX-4C20K-1, GCX-4C20K-1,	Restriction(s) ¹ none, (see footnote) ²	ZDHC LEVEL Level 1	Product Category 2.10 Printing pastes and inks with and without colourants
2	GCX-4K-1	GCX-4K50-1, GCX-4K70-1, GCX-4K20B-1, GCX-4K10K-1, GCX-4K35-1, GCX-4K02-1, GCX-4K20K-1, GCX-4K09L-1	none	Level 1	2.10 Printing pastes and inks with and without colourants

Issue Date 04.08.2022

¹ Restriction(s): The parameter(s) mentioned under Restriction(s) have to be checked on the treated textile for compliance with the regulations of STANDARD 100 by OEKO-TEX® / LEATHER STANDARD by OEKO-TEX®.

² Testing for extractable heavy metals required for STANDARD 100 by OEKO-TEX® and LEATHER STANDARD by OEKO-TEX®.



Enclosure for Certificate No. NEP 1802

BROTHER INDUSTRIES, LTD.

1-5 Kitajizoyama, Noda-cho, Kariya-city JP-Aichi, JAPAN

ECO PASSPORT

Certificate Number: NEP 1802
Test Report Number: NEP 1802-4

Certified Products

No. 3	Product Name GCX-4M-1	Trade Name GCX-4M50-1, GCX-4M70-1, GCX-4M20B-1, GCX-4M10K-1, GCX-4M35-1, GCX-4M02-1, GCX-4M20K-1, GCX-4M09L-1	Restriction(s) ¹ none	ZDHC LEVEL Level 1	Product Category 2.10 Printing pastes and inks with and without colourants
4	GCX-4W	GCX-4W50, GCX-4W70, GCX-4W20B, GCX-4W02, GCX-4W09L, GCX-4W20K	none	Level 1	2.10 Printing pastes and inks with and without colourants
5	GCX-4Y-1	GCX-4Y50-1, GCX-4Y70-1, GCX-4Y20B-1, GCX-4Y10K-1, GCX-4Y35-1, GCX-4Y02-1, GCX-4Y20K-1, GCX-4Y09L-1	none	Level 1	2.10 Printing pastes and inks with and without colourants

Issue Date 04.08.2022

¹ Restriction(s): The parameter(s) mentioned under Restriction(s) have to be checked on the treated textile for compliance with the regulations of STANDARD 100 by OEKO-TEX® / LEATHER STANDARD by OEKO-TEX®.

² Testing for extractable heavy metals required for STANDARD 100 by OEKO-TEX® and LEATHER STANDARD by OEKO-TEX®.



Enclosure for Certificate No. NEP 1802

BROTHER INDUSTRIES, LTD.

1-5 Kitajizoyama, Noda-cho, Kariya-city JP-Aichi, JAPAN

ECO PASSPORT

Certificate Number: NEP 1802
Test Report Number: NEP 1802-4

Certified Products

No.	Product Name	Trade Name	Restriction(s) 1	ZDHC LEVEL	Product Category
6	GCX-6C-1	GCX-6C09L-1,	none,	Level 1	2.10 Printing pastes and
		GCX-6C18L-1	(see footnote) ²		inks with and without colourants
7	GCX-6K-1	GCX-6K09L-1,	none	Level 1	2.10 Printing pastes and
		GCX-6K18L-1			inks with and without colourants
8	GCX-6M-1	GCX-6M09L-1,	none	Level 1	2.10 Printing pastes and
		GCX-6M18L-1			inks with and without colourants
9	GCX-6W	GCX-6W09L, GCX-6W18L	none	Level 1	2.10 Printing pastes and
					inks with and without colourants
10	GCX-6Y-1	GCX-6Y09L-1,	none	Level 1	2.10 Printing pastes and
		GCX-6Y18L-1			inks with and without colourants

Issue Date 04.08.2022

¹ Restriction(s): The parameter(s) mentioned under Restriction(s) have to be checked on the treated textile for compliance with the regulations of STANDARD 100 by OEKO-TEX® / LEATHER STANDARD by OEKO-TEX®.

² Testing for extractable heavy metals required for STANDARD 100 by OEKO-TEX® and LEATHER STANDARD by OEKO-TEX®.



ECO PASSPORT by OEKO-TEX® SCREENING REPORT

The Global RSL and MRSL Search and Screen Tool

ECO PASSPORT Screening is used to screen chemical products – at the ingredient level – against the world's leading restricted substance lists and manufacturing restricted substance lists:

- STANDARD 100 by OEKO-TEX® Restricted Substance List (RSL)
- ECO PASSPORT by OEKO-TEX® Restricted Substance List (RSL)
- STeP by OEKO-TEX® Manufacturer Restricted Substance List (MRSL)
- LEATHER STANDARD by OEKO-TEX® Restricted Substance List (RSL)
- REACH Substances of Very High Concern (SVHC)

The product components, main constituents and impurities declared by the applicant are not mentioned on the MRSL 2.0 of ZDHC.

Company

BROTHER INDUSTRIES, LTD.

1-5 Kitajizoyama, Noda-cho, Kariya-city JP-Aichi, JAPAN

Category: 2.10 Printing pastes and inks with and without colourants

Certificate No: NEP 1802

Issued by: Nissenken Quality Evaluation Center OEKO-TEX® Laboratory



ECO PASSPORT SCREENING SYNOPSIS

The following products are suitable for ECO PASSPORT analytical verification:

GCX-4C-1: GCX-4C50-1, GCX-4C70-1, GCX-4C20B-1, GCX-4C10K-1, GCX-4C35-1, GCX-4C02-1, GCX-4C20K-1, GCX-4C09L-1

GCX-4M-1: GCX-4M50-1, GCX-4M70-1, GCX-4M20B-1, GCX-4M10K-1, GCX-4M35-1, GCX-4M02-1, GCX-4M20K-1,

GCX-4M09L-1

GCX-4Y-1: GCX-4Y50-1, GCX-4Y70-1, GCX-4Y20B-1, GCX-4Y10K-1, GCX-4Y35-1, GCX-4Y02-1, GCX-4Y20K-1, GCX-4Y09L-1

GCX-6C-1: GCX-6C09L-1, GCX-6C18L-1

GCX-6M-1: GCX-6M09L-1, GCX-6M18L-1

GCX-6Y-1: GCX-6Y09L-1, GCX-6Y18L-1

The following products contain at least one substance that could cause health and environmental risk:

GCX-4K-1: GCX-4K50-1, GCX-4K70-1, GCX-4K20B-1, GCX-4K10K-1, GCX-4K35-1, GCX-4K02-1, GCX-4K20K-1, GCX-4K09L-1

GCX-4W: GCX-4W50, GCX-4W70, GCX-4W20B, GCX-4W02, GCX-4W09L, GCX-4W20K

GCX-6K-1: GCX-6K09L-1, GCX-6K18L-1

GCX-6W: GCX-6W09L, GCX-6W18L

The following products contain at least one substance restricted by OEKO-TEX®:

None

Information disclosure level: PARTIAL

The screening has been conducted against the above mentioned Restricted Substances Lists valid on 04.08.2022