Nordic Ecolabelling of

Grease -proof paper

Version 4.0 • 15 July 2013 - datum
Consultation draft

Nordic Ecolabelling

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049 Grease-proof paper, version 4.0

This document is a translation of an original in Swedish. In case of dispute, the original document should be taken as authoritative.

Addresses

In 1989, the Nordic Council of Ministers decided to introduce a voluntary official ecolabel, the Swan. These organisations/companies operate the Nordic ecolabelling system on behalf of their own country's government. For more information, see the websites:

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It may be quoted from provided that Nordic Ecolabelling is stated as the source.

What is a Nordic Ecolabelled grease-proof paper?

The Nordic Ecolabel is an official eco-label with absolute requirements. Nordic Ecolabelled grease-proof paper has less impact on the environment than most other papers in its product group and the Nordic Ecolabel signifies that the product fulfils strict environmental requirements.

The Nordic Ecolabel on a paper product confirms that resources have been used efficiently and that environmentally suitable production methods have been employed. The raw materials used in the product have been evaluated by Nordic Ecolabelling and only raw materials of the highest quality in environmental terms may be used in Nordic Ecolabelled products.

Nordic Ecolabelled papers have less impact on the environment than most other papers in their product groups.

- They fulfil stringent environmental requirements and are free from hazardous chemicals.
- They contain fibre raw materials from certified forestry.
- They have been produced with low energy consumption and with a limited use of chemicals. Chromium and fluorine compounds are strictly forbidden.
- The production has low emissions to air and water.

Nordic Ecolabelling's environmental requirements provide individual manufacturers guidance on how they can contribute to the development of an ecologically sustainable society.

Why choose the Nordic Ecolabel?

- The licensee may use the Nordic Ecolabel trademark, the Swan, for marketing. The Nordic Ecolabel is a very well-known and well-reputed trademark in the Nordic region.
- The Nordic Ecolabel is a cost-effective and simple way of communicating environmental work and commitment to customers and suppliers.
- Reducing environmental impact often creates scope for lowering costs, such as by cutting the consumption of energy and reducing amounts of packaging and waste.
- Environmentally suitable operations prepare the licensee for future environmental legislation.
- Environmental issues are complex. It can take a long time and extensive resources to gain an understanding of a specific area. Nordic Ecolabelling can be seen as aid in this work.

- The Nordic Ecolabel not only covers environmental issues but also quality requirements, since the environment and quality often go hand in hand. This means that a Nordic Ecolabel licence can also be seen as a mark of quality.

What can carry the Nordic Ecolabel?

Grease-proof papers are in this criterion defined as cellulose based papers coated with various substances. Grease-proof paper marketed for use in contact with foodstuffs must be made from virgin fibre.

The product group includes:

- grease-proof paper (parchment paper) such as baking paper, food paper, interlay paper, baking tray liner, sandwich paper and other grease-proof paper used for food wrapping and various types of 'high density paper' (e.g. for tracing).
- converted products made from the aforementioned paper types. Examples of converted products are baking cases (e.g. cupcake and muffin cases).
- Various types of release paper and grease-release paper. (Release paper is used, for example, as a base for adhesive labels).

Grease- proof paper products have a close association with products included in the criterion for 'Disposables for food', as this product group also includes papers used for food packaging. The definition is as follows: when grease-proof paper is used to wrap food, e.g. sandwich paper, etc., the paper can be Nordic Ecolabelled under the Supplementary Module for grease-proof paper. The same applies to grease-proof paper that is converted into various types of baking cases. However, if the grease-proof paper has been converted into/is used in various types of disposable items, these cannot be Nordic Ecolabelled through the criteria for grease-proof paper. They can, however, be labelled based on the criteria for Nordic Ecolabelling of Disposables for food. These in turn require the grease-proof paper used in the disposable items to meet the criteria contained in the Supplementary Document for grease-proof paper.

Please contact Nordic Ecolabelling if you have any queries concerning which products can be labelled by these requirements.

How to apply

Each requirement is marked with the letter O (obligatory requirement) and a number. All requirements must be fulfilled to be awarded a licence.

Icons in the text

The text describes how the applicant shall demonstrate fulfilment of each requirement. There are also icons in the text to make this clearer. These icons are:

✉ Enclose

🔑 The requirement checked on site

🕮 Enclose procedure in environmental and quality management system

Application

Applications are made to the national ecolabelling organisation and the application is valid for 12 months. Applications may be processed by another ecolabelling organisation according to agreement between the organisations. The applicant is notified of this. Companies located outside the Nordic countries make applications to the national ecolabelling organisation of the primary market.

The application must consist of a completed application form together with all of the documentation required to demonstrate compliance with the requirements specified in the criteria document (this is specified for each requirement). The application form must specify in which Nordic countries the products in question are to be sold and the estimated turnover from the products in each country.

Further information and assistance may be available. Visit the relevant national website for information.

Sales in the Nordic region

Once granted, a licence is valid throughout the Nordic region. The licence document specifies in which Nordic countries the products are sold according to the information provided on the application. The products are published on Nordic Ecolabelling's website(s). The licensee undertakes to inform Nordic Ecolabelling of any changes as to where the product is sold. If the product is to be sold in other Nordic countries than those initially specified in the application, the licensee must provide written notification of this and submit any extra documentation required to Nordic Ecolabelling in the country that issued the license.

On-site inspection

In connection with handling of the application, Nordic Ecolabelling performs an on-site inspection to ensure adherence to the requirements. For such an inspection, data used for calculations, original copies of submitted certificates, test records, purchase statistics, and similar documents that support the application must be available for examination.

Costs

An application fee is charged to companies applying for a licence. There is an additional annual fee based on the turnover of the Nordic Ecolabelled Grease-proof paper.

Enquiries

Please contact Nordic Ecolabelling if you have any queries or require further information. See page 2 for addresses.

What are the requirements of the Nordic Ecolabelling?

Nordic Ecolabelling requirements for paper products are subdivided into a Basic module, a Chemical module and Supplementary modules for various product areas. The Basic module contains general requirements for paper and pulp manufacturing, while the Chemical module contains requirements in respect of chemicals. The various Supplementary modules contain specific requirements for various product groups, and this document is the Supplementary module for grease-proof paper.

To be awarded a Nordic Ecolabel licence for grease-proof paper:

- relevant requirements in the Basic and Chemicals Modules must be met, in addition all requirements of the Supplementary Module. If the requirements for a given area differ between the Basic and Chemicals Modules and the Supplementary Module, the levels stated in the Supplementary Module shall apply. Each requirement is marked with the letter K and a number.
- Nordic Ecolabelling must inspect the site.

If the applicant of the Nordic Ecolabel licence is a converter who does not manufacture the grease-proof paper himself, and the paper already is approved by the criterion of grease-proof paper, version 4 or more recent, the requirements O3-O6 do not need to be documented separately.

In order to be granted a Nordic license, the following documentation must be attached to the application:

- Documentation demonstrating compliance with any national regulations/special requirements.
- User instructions in all relevant languages.
- A copy of labels in all relevant languages.
- Documentation demonstrating compliance with national rules and laws, as well as any industry agreements on return systems for packaging.

1 Environmental requirements.

1.1 Description of the grease-proof paper

K1 Description of the product and the manufacturing process

Describe the product and how it meets the definition of a product that can be given the Nordic Ecolabel (see above under the heading 'What can carry the Nordic Ecolabel?').

Describe the manufacturing process, including conversion. State the trade name of the finished product, the type designation, grammage (g/m2), weight by volume (kg/m3) and moisture content.

✉ Description and documentation pursuant to the above . Product samples must be submitted on Nordic Ecolabelling's request.

1.2 Basic requirements for pulp- and paper manufacture.

Manufacturing of the Ecolabelled Grease-proof paper and all paper pulps used in it must meet the requirements of the Basic module and the Chemical module, version 2 or more recent, where relevant, unless otherwise indicated in the requirements below. This also applies to converters. The Basic Module and the Chemical Module contain the general requirements for pulp and paper manufacturing.

K2 Basic requirements for pulp and paper manufacturing

Production of the grease-proof paper must meet the requirements specified in the Basic Module and the Chemical Module, version 2 or more recent, where relevant and unless otherwise stated in the Supplementary Module requirements. The reference and limit values below should be used when calculating energy (requirement O4), CO2 (requirement O5) and emissions (requirement O6).

For documentation of the requirements in the Chemical Module, see requirement O7.

Has the pulp or paper been assessed by Nordic Ecolabelling before?

✉ Documentation showing the pulps/paper types used. Trade name of the pulp/paper, name of supplier and manufacturing plant.

✉ Documentation showing how the requirements of the Basic Module, version 2 or more recent, are met. Documentation of the Chemical Module requirements should be documented in O7.

✉ If pulps used to manufacture the Nordic Ecolabelled grease-proof paper have already been approved by Nordic Ecolabelling pursuant to the Basic Module, version 2, or more recent versions; documentation stating the name of the pulps and the time of approval should be attached.

✉ If the paper used to manufacture the Nordic Ecolabelled grease-proof paper has already been approved by Nordic Ecolabelling pursuant to the criteria for grease-proof paper, version 4 or more recent versions; documentation stating the name of the pulps and the time of approval should be attached.

K3 Requirement for pulp used to manufacture paper for contact with food.

Only virgin fibre may be used in the pulp used to manufacture the paper.

✉ Declaration from the pulp supplier/suppliers that the requirement is met.

1.3 Energy, CO_2 and emissions

The energy calculation includes the entire production process – both paper manufacturing and the constituent pulps.

The pulp/paper manufacturer shall submit calculations to demonstrate fulfilment of the requirements in the Basic Module, version 2 or more recent. Nordic Ecolabelling provides a worksheet that is to be used for these calculations. The calculation methodes and more detailed description of documentation of requirements is provided in version 2 of the Basic module, in which Pelectricity and Pfuel also are defined.

The energy score is calculated with the aid of a technical description of the production processes, where the energy consumption and the emissions are compared to reference values for the production. Reference values for various pulps are to be found in the Basic Module, version 2 or more recent. In this supplementary module you find:

- the reference values for the energy consumption (K 4) and emissions (K5)for paper machines manufacturing grease-proof paper
- the total electricity and fuel points score limits
- the total limit value for CO_2

K4 Energy requirements

For Nordic Ecolabelled grease-proof paper, the total electricity and fuel scores must each be less than 1.15.

Pelectric (total) < 1.15

Pfuel (total) < 1.15

Pelectric (total) and Pfuel (total) includes the energy scores for both paper production and pulp production.

The reference values for the paper machine's fuel are 3,000 kWh/tonne and for electricity 2,000 kWh/tonne.

✉ Calculation pursuant to Appendix 2 in the Basic Module, version 2, showing that the score requirement is fulfilled. The calculations should be made on a calculation sheet developed by Nordic Ecolabelling.

K5 CO_2 emissions

CO_2 emissions from purchased electricity and from the combustion of fossil files for heat generation and own electricity production must not exceed 1,500 CO_2/tonne paper. The calculation contains CO_2 emissions both from paper production and from the production of the pulps used.

✉ Calculation pursuant to the Basic Module, version 2, showing that the requirement is met. The calculations should be made on a calculation sheet developed by Nordic Ecolabelling.

K6 Total emission score, Pemissions total

A total emission score, Pemissions total, shall be calculated for grease-proof paper.

This score must not exceed 4.0.

P emission total = PCOD + PP + PS + PNOx ≤ 4.0

No individual emission score (PCOD + PP + PS + PNOx) may be ≥ 1.5

In the calculation of the product's individual and total emission scores for pulp and paper manufacturing emissions, product-specific reference values for paper manufacturing (see Table 2 below) are used together with reference values for various pulp types found in the Basic Module, version 2 (Appendix 3, Table 3.1).

Table 2 Reference values for emissions from paper machines manufacturing grease-proof paper.

Paper type	Reference values for emissions (kg/tonne paper)			
	CODref	Pref	Sref	NOx,ref
Grease-proof paper	4.0	0.01	0.5	0.7

✉ The paper manufacturer shall submit calculations and background data showing that the requirement is fulfilled. The calculations should be made on a calculation sheet developed by Nordic Ecolabelling.

1.4 Chemicals

All chemicals involved in the production of grease-proof paper must fulfil the requirements in the chemical module, version 2 or later, where relevant and unless otherwise stated in the Supplementary Module requirements, and all the requirements specified in the Supplementary module for grease-proof paper. The requirement includes also all chemicals used specifically in the production of grease-proof paper or for conversion (e.g. glue of printing colours).

Constituent substances

The term "constituent substances" encompasses all substances contained in production chemicals, including additives (such as preservatives and stabilisers) in the ingredients, but does not encompass impurities from primary production. Residues from raw material production calculated as present in the finished product in concentrations under 100 ppm (0.0% by weight, 100 mg/kg), are regarded as contaminants. Substances that are actively added to an ingredient or product for a particular purpose are not considered to be impurities, irrespective of quantity.

K7 Production chemicals

The pulp/paper manufacturer must report all chemicals used in production and in converting, providing documentation in respect of the product's complete name, product safety data sheets, function, classification, area of use, supplier and quantities used in kg/tonnes pulp/paper. All chemical products used in the production of pulp and paper and in conversion must be fully documented. The requirement further applies to internal and external water treatment.

All chemicals must fulfil the requirements in the chemical module, version 2 or later.

This requirement also applies to chemicals used for printing on the paper, but not for packaging printing.

The safety data sheet/product sheet must comply with Appendix II to REACH (Regulation 1907/2006/EC)

✉ Complete declaration of all production chemicals used, pursuant to Appendix 3, and complete safety data sheets for all chemical products. Documentation showing that the chemicals meet the requirements.

K8 Optical whiteners and antibacterial substances

Optical whiteners must not be used.

Chemicals intended to provide antibacterial properties must not be added.

An antibacterial chemical is a chemical that impedes or stops the growth of microorganisms such as bacteria, fungi or protozoa (unicellular organisms).

Silver compounds, nano silver and nano gold are considered antibacterial substances.

✉ Declaration from the pulp/paper manufacturer stating that the requirement is fulfilled

K9 Chemicals used for impregnation and coating

Chemicals added to the pulp or to impregnation/coating agents must not contain chromium or fluoride compounds.

The following requirements must be met in connection with silicone treatment of the paper:

- Solvent-based painting/coating agents must not be used.
- Octamethylcyclotetrasiloxsane, D4, (CAS 556-67-2) and decamethylcyklopentasiloxsane, D5, (CAS 541-02-6) must not be used. D4 and D5 impurities are exempt from this requirement*.
- Organotin catalysts may not be used.

** Impurity refers to residues from primary production which may be found in the finished silicon polymer (calculated based on dry residue in the commercial product) at concentrations below 100 ppm (0.01% by weight, 100 mg/kg), but not substances that have been added to a raw material or the product actively and for a particular purpose, irrespective of quantity.*

✉ Declaration from the pulp-/paper manufacturer stating that the product does not contain chromium or fluoride compounds. Declaration from the chemicals supplier stating that the requirement for silicone treatment is fulfilled. Appendices 4 and 5 can be used.

1.5 Product function

K10 Function properties

The product must meet the function requirements applicable within the industry.

It must be possible to reuse baking paper. See also O13 Labelling.

✉ Overview of tested function properties and the associated test results. Example of technical information about this.

K11 Paper that comes into contact with foodstuffs

Paper marketed as coming into contact with foodstuffs must comply with the following regulations:

- European Council 'Policy statement concerning paper and board materials and articles intended to come into contact with foodstuffs', version 4, 2009, or more recent versions, or
- BfR's recommendation XXXVI. Paper and board for food contact, March 2011 or more recent versions.
- CEPIs Industry guideline for the Compliance of Paper & Board materials and articles for food contact, Issue 2, September 2012 or more recent versions.

Fulfilment of the requirements must be certified by an independent third party.

✉ Copy of certificate or declaration from an independent control body (third party) stating that the requirement is fulfilled.

1.6 Packaging

K12 Packaging materials

Packaging (item, group or transport packaging) used for the Nordic Ecolabelled product must not be made using chlorine-based plastics.

It must be possible to recycle packaging made from a combination of materials.

✉ Description of the material composition of various packaging types.

K13 Labelling

The following text must be visibly printed on baking paper packaging: "The paper can be used more than once before being discarded".

For labelling with the Nordic Ecolabel's 'Swan' logo, see the section on 'Design of the Nordic Ecolabel' at the end of these criteria.

✉ Examples of packaging labelling should be submitted, showing the label and any text for baking paper, if applicable.

K14 Packaging design

The product packaging shall be optimised for transport.

✉ Description of how the requirement is fulfilled.

1.7 Waste

K15 Waste

Factory area waste should be separated and the various fractions reused as far as this is possible. The waste fractions and the handling of these should be outlined.

If the waste comes under a national definition of hazardous waste, this too should be stated.

No further documentation is required in cases where the paper manufacturer and converter are certified to ISO 14001.

✉ The paper manufacturer/converter shall account for the following:

- Waste sorting process.
- Sorting fractions.
- Handling of the individual fractions (internal and external recycling, energy use, landfill or other).

2 Quality and regulatory requirements

To ensure that Nordic Ecolabel requirements are fulfilled, the following procedures must be implemented.

If the licensee's environmental management system is certified to ISO 14 001 or EMAS, and the following procedures implemented, it is sufficient for the accredited auditor to certify that the requirements are observed.

K16 Legislation and regulations

The licensee must guarantee adherence to safety regulations, working environment legislation, environmental legislation and conditions/concessions specific to the operations at all sites where the Nordic Ecolabelled product is manufactured.

No documentation is required, but Nordic Ecolabelling may revoke the licence if the requirement is not fulfilled.

✉ Declaration from the licensee that the requirement is met, and details of the regulatory authority.

K17 Nordic Ecolabel licence person

The company shall appoint a person responsible for ensuring the fulfilment of Nordic Ecolabel requirements, and a contact person for communications with Nordic Ecolabelling.

✉ A chart of the company's organizational structure detailing who is responsible for the above.

K18 Documentation

The licensee must be able to present a copy of the application, and factual and calculation data supporting the documents submitted on application (including test reports, documents from suppliers and suchlike).

🔑 Checked on site.

K19 Quality of the grease-proof paper

The licensee must guarantee that the quality of the production of the Nordic Ecolabelled grease-proof paper is maintained throughout the validity period of the licence.

✉ Procedures for collating and, where necessary, dealing with claims and complaints regarding the quality of the Nordic Ecolabelled grease-proof paper.

K20 Planned changes

Written notice must be given to Nordic Ecolabelling of planned changes in products and markets that have a bearing on Nordic Ecolabel requirements.

✉ Procedures detailing how planned changes in products and markets are handled.

K21 Unplanned nonconformities

Unplanned nonconformities that have a bearing on Nordic Ecolabel requirements must be reported to Nordic Ecolabelling in writing and journalled.

✉ Procedures detailing how unplanned nonconformities are handled.

K22 Traceability

The licensee must have a traceability system for the production of the Nordic Ecolabelled grease-proof paper.

✉ Description of/procedures for the fulfilment of the requirement.

K23 Take-back system

Relevant national regulations, legislation and/or agreements within the sector regarding the recycling systems for products and packaging shall be met in the Nordic countries in which the Nordic Ecolabelled grease-proof papers are marketed.

✉ Declaration from the applicant regarding adherence to existing recycling/take-back agreements.

K24 Marketing

Marketing of the Nordic Ecolabelled grease-proof paper must comply with "Regulations for the Nordic Ecolabelling of products" 22 June 2011 or later versions.

✉ Appendix 1 duly completed.

K25 Annual follow-up

An annual follow-up of the ecolabel criteria shall be performed based on a checklist supplied by Nordic Ecolabelling. The checklist must be signed by the company's Nordic Ecolabel licence officer and submitted to Nordic Ecolabelling.

✉ Appendix 2 duly completed

Marketing

The Nordic Ecolabel is a very well-known and well-reputed trademark in the Nordic region. Nordic Ecolabelled products and services may be marketed using the Nordic Ecolabel so long as the associated licence is valid.

The label must be positioned so that there is no doubt as to what the label refers and so that it is clear that the grease-proof paper is ecolabelled.

More information on marketing can be found in "Regulations for the Nordic Ecolabelling of products" 22 June 2011 or later versions.

Design of the Nordic Ecolabel

Design of the Nordic Ecolabel:



Each licence has a unique six-figured licence number that must be displayed along with the label.

More information on the design of the label can be found in "Regulations for the Nordic Ecolabelling of products" 22 June 2011 or later versions.

Follow-up inspections

Nordic Ecolabelling may decide to check whether the grease-proof paper fulfils Nordic Ecolabel requirements during the licence period. This may involve a site visit, random sampling or similar test.

The licence may be revoked if it is evident that the grease-proof paper does not meet the requirements.

Random samples may also be taken in-store and analysed by an independent laboratory. If the requirements are not met, Nordic Ecolabelling may charge the analysis costs to the licensee.

How long is a licence valid?

Nordic Ecolabelling adopted the criteria for grease-proof paper on DAY MONTH YEAR. The criteria are valid until DAY MONTH YEAR.

The ecolabel licence is valid providing the criteria are fulfilled and until the criteria expire. The validity period of the criteria may be extended or adjusted, in which case the licence is automatically extended and the licensee informed.

Revised criteria shall be published at least one year prior to the expiry of the present criteria. The licensee is then offered the opportunity to renew their licence.

Terms and definitions

Term	Explanation or definition
COD	Chemical Oxygen Demand
NOx	Nitrogen oxides
P	Phosphorus
S	Sulphur
Release paper	Paper used in different types of self-adhesive systems. E.g. in labelrolls and in diapers/pads.

Appendix 1 Marketing of Nordic Ecolabelled grease-proof paper

We hereby certify that we are well acquainted with the regulations governing the use of the Nordic Ecolabel, as detailed in "Regulations for the Nordic Ecolabelling of Products" dated 22 June 2011 or later versions. We agree to follow these regulations when marketing the Nordic Ecolabelled grease-proof paper.

Further, we confirm that we are familiar with the content of the criteria document regarding the Nordic Ecolabelling of grease-proof paper.

We undertake to advise those individuals within the company involved in marketing the Nordic Ecolabelled grease-proof paper of the criteria for the Nordic Ecolabelling of grease-proof paper and the "Regulations for the Nordic Ecolabelling of Products" dated 22 June 2011 or later versions.

_____ _____

Place and date Company

_____

Signature, contact person

_____ _____

Name (block capitals) Telephone

_____

Signature, Marketing Manager

_____ _____

Name (block capitals) Telephone

In the event of a change in personnel, a new declaration must be submitted to Nordic Ecolabelling.

Appendix 2 Annual reporting to Nordic Ecolabelling

Form for annual reporting for paper covered by a Nordic Ecolabel licence. Form for paper manufacturers:

Year: _____

Factory name: _____

Paper name: _____

Produced volume _____ tonnes paper. The produced volume is the volume of paper referred to when talking about emissions/year.

Emissions from the paper machine (if not integrated):

- COD _____ kg/tonne paper
- P _____ kg/tonne paper
- S _____ kg/tonne paper
- NOx _____ kg/tonne paper
- CO2_____kg/tonne paper

Form for annual reporting for paper covered by a Nordic Ecolabel licence. Form for pulp manufacturers: (*The produced volume is the volume of paper referred to when talking about emissions/year). Year: _____

Factory name:	Unit
Pulp name:	
Produced volume*:	tonnes of pulp
% of material from certified forestry:	%
COD	kg/tonne 90% pulp
P	kg/tonne 90% pulp
S	kg/tonne 90% pulp
NOx	kg/tonne 90% pulp
AOX	kg/tonne 90% pulp
Chlorate	kg/tonne 90% pulp
EDTA/DTPA	kg/tonne 90% pulp
CO2	kg/tonne 90% pulp

Appendix 3 Information about production chemicals

Pulp/paper manufacturer or converter:

_____

List of production chemicals:

Chemical name	Function	Manufacturer/ supplier	Volume used (kg/tonne)	Process in the factory	Safety data sheet (X) with date	Classification

We hereby certify that the above classifications are correct pursuant to the safety data sheets submitted (the classification applies at the date of signing).

Pulp/paper manufacturer's or converter's signature.

Company	Date
Signature	Title/position
Name (block capitals)	Tel./E-mail

Appendix 4 Chemicals used for coating/impregnating or as a pulp component

Certificate from the pulp/paper manufacturer.

What chemicals have been used to paint/impregnate/coat or as a pulp component?

_____

_____

_____

_____

Do any of the chemicals listed above contain chromium or fluoride compounds?

1. Yes □ No □

We hereby certify that Nordic Ecolabelling will be notified immediately in the event of any changes to the product composition.

Pulp/paper manufacturer's signature:

Company	Date
Signature	Title/position
Name (block capitals)	Tel./E-mail

Appendix 5 Silicones used for coating/impregnation or as a pulp component

Certificate from the chemical supplier.

Product name:
Function:
Manufacturer/supplier:

2. Is the product solvent-based?
   Yes □ No □

3. Are organotin compounds used?
   Yes □ No □

4. Does the product contain octamethylcyclotetrasiloxane, D4, (CAS 556-67-2) or decamethylcyklopentasiloxane, D5, (CAS 541-02-6)? D4 and D5 impurities are exempt from these requirements.
   Yes □ No □

   Impurity refers to residues from primary production which may be found in the finished silicon polymer (calculated based on dry residue in the commercial product) at concentrations below 100 ppm (0.01% by weight, 100 mg/kg), but not substances that have been added to a raw material or the product actively and for a particular purpose, irrespective of quantity.

We hereby certify that Nordic Ecolabelling will be notified immediately in the event of any changes to the product composition.

Chemical supplier's signature:

Company	Date
Signature	Title/position
Name (block capitals)	Tel./E-mail