

**Form 2b, Declaration - Adhesive/binder**

For requirement O3, O4, O5, O7

Name of the adhesive/binder and purpose of use:

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Name of the producer of the adhesive/binder:

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*The requirements apply to all ingoing substances in the chemical product, but not impurities unless stated otherwise in the requirements. Ingoing substances and impurities are defined below:*

*Ingoing substances: All substances in the chemical product, including additives (e.g. preservatives and stabilisers) in the raw materials. Substances known to be released from ingoing substances (e.g. formaldehyde and arylamine) are also regarded as ingoing substances.*

*Impurities: Residuals, pollutants, contaminants etc. from production, incl. production of raw materials that remain in the chemical product in concentrations less than 100 ppm (0,0100 w-%, 100 mg/kg). Examples of impurities are residues of the following: residues or reagents incl. residues of monomers, catalysts, by-products and detergents for production equipment and carry-over from other or previous production lines.*

**O3** Is the adhesive/binder classified according to the table  Yes  No below?

**Table A3: Classification of chemical products**

<b>Classification under CLP Regulation (EC) No 1272/2008</b>	
<b>Hazard class and category</b>	<b>H phrases (Code)</b>
<u>Toxic to aquatic organisms</u> Aquatic Acute 1 Aquatic chronic 1-4	H400 H410, H411, H412, H413
<u>Acute toxicity</u> Acute Tox 1, 2 Acute Tox 3 Acute Tox 4	H330, H310, H300 H331, H301, H311 H332, H312, H302
<u>Specific target organ toxicity</u> STOT SE 1 STOT SE 2 STOT RE 1 STOT RE 2	H370 H371 H372 H373
<u>Aspiration hazard</u> Asp. Tox 1	H304
<u>Skin corrosion/irritation</u> Skin Corr. 1A/B/C	H314

<u>Allergenic</u> Resp. sens 1 or Skin sens 1	H334 H317
<u>Carcinogenic</u> Carc 1A/1B Carc. 2*	H350 H351
<u>Mutagenic</u> Muta. 1A/B Muta. 2	H340 H341
<u>Toxic for reproduction</u> Repr 1A/1B Repr 2	H360, H361 H362

\*An exemption is made for titanium dioxide (CAS no. 13463-67-7).

#### O4 Chemical substances, CMR

Does the adhesive/binder contain substances that are or may degrade into substances that are classified according to the table below?  Yes  No

**Table F3-2: Classification of CMR substances**

Classification in line with CLP Regulation (EC) No 1272/2008	
Hazard class and category	H phrases (Code)
<u>Carcinogenic</u> Carc. 1A/1B Carc. 2*	H350 H351
<u>Mutagenic</u> Muta. 1A/B Muta. 2	H340 H341
<u>Toxic for reproduction</u> Repr. 1A/1B Repr. 2	H360, H361 H362

\*An exemption is made for titanium dioxide (CAS no. 13463-67-7).

#### O5 Other excluded substances

Does the adhesive/binder contain any of the substances from the list below?

Substances on the Candidate List\*  Yes  No

*D4, D5 and D6 in silicone polymer have an own requirement, see O6*

Organotin compounds  Yes  No

Phthalates  Yes  No

APEO – alkylphenol ethoxylates and alkylphenol derivatives (substances that release alkylphenols on degradation) An exception is made for:

- sterically hindered phenolic antioxidants with molecular weight (MW) >600 g/mole.

If yes, is the substance a sterically hindered phenolic antioxidant with a molecular weight >600 g/mole?

Yes  No

State CAS no. \_\_\_\_\_

Flame retardants

Yes  No

Halogenated organic compounds. An exception is made for:

Yes  No

- halogenated organic pigments that meet the European Council's "Resolution AP (89) 1 on the use of colourants in plastic materials coming into contact with food", point 2.5

- the preservative CMIT (CAS no. 26172-55-4)

Substances that have been judged in the EU to be PBT (Persistent, Bioaccumulative and Toxic) or vPvB (very Persistent and very Bioaccumulative)\*\*

Yes  No

Substances considered to be potential endocrine disruptors in category 1 or 2 on the EU's priority list of substances that are to be investigated further for endocrine disruptive effects\*\*\*

Yes  No

Preservatives which are bioaccumulating (BCF >500/log Kow >4)

Yes  No

Antibacterial agents (e.g. nanosilver and triclosan)\*\*\*\*

Yes  No

\* The Candidate List can be found on the ECHA website: <http://echa.europa.eu/candidate-list-table>

\*\* PBT and vPvB in accordance with the criteria in Annex XIII of REACH

\*\*\* Substances considered to be potential endocrine disruptors in category 1 or 2, see following link:

[http://ec.europa.eu/environment/chemicals/endocrine/strategy/being\\_en.htm](http://ec.europa.eu/environment/chemicals/endocrine/strategy/being_en.htm)

\*\*\*\* An antibacterial agent is a chemical/product that inhibits or stops growth of microorganisms such as bacteria, fungi or protozoa (single-celled organisms). The requirement does not apply to preservatives used to preserve the chemical product, so-called in-can preservatives.

### Specific requirements to the adhesive/binder (O7)

Does the product contain phthalates or colophony rosin\*?

Yes  No

Is the content of formaldehyde generated during the production process less than 250 ppm (0.025%) measured on newly produced polymer dispersion?

Yes  No

Is the content of free formaldehyde in hardened adhesive less than 10 ppm (0.001%)

Yes  No

*Hotmelt adhesives are exempted from the formaldehyde requirement.*

Please attach results from analysis of the formaldehyde content in the adhesive.

State the name of the attachment: \_\_\_\_\_

Please attach safety data sheet for the adhesive/binder.

*\* Modified colophony derivatives that are not classified as sensitising are allowed.*

If there are changes in product composition, a new declaration of compliance with the requirements must be submitted to Nordic Ecolabelling.

Date and place:	Name of the producer of adhesive/binder:
Responsible person:	Signature, responsible person: