# Appendix 9 Declaration on the contents of chemical products and/or flooring material

Applies to all substances, chemicals and chemicals products added to the flooring material or used in the manufacture of the floor, including surface treatments. Applies also to any flooring material that is manufactured from virgin and recycled plastic and rubber. Here, manufacture is defined as all manufacturing/treatment conducted by the flooring manufacturer, but also by its suppliers of raw materials or constituent products.

This declaration is completed and signed by the chemical product or material supplier/ manufacturer based on the knowledge we have at the time of the application, based on tests and/or declarations from raw material manufacturers, with reservations for new advances and new knowledge.

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|---|
| Product name: |
| Manufacturer/supplier: |
| Product's function/product group (e.g. adhesive, paint): |

*The term constituent substance refers to all substances in the product, including additives in the ingredients (such as preservatives and stabilisers) but does not include impurities from primary production. Impurity refers to residues from primary production which may be found in the finished 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.*

*Impurities of over 1% concentration in the primary product are, however, regarded as constituent substances. Substances known to be degradation products of the constituent substances are also themselves considered to be constituent substances.*

*For two-component products it is the added ingredients in the separate components that shall comply with the requirement. Alternatively, if it can be documented that protective equipment was worn when the hardener was mixed with the paint/varnish and the finished two-component product was applied in a closed system, the requirement may apply to the hardened product.*

### Req. O20 CMR sustances

Does the chemical product contain any of the following CMR substances? ☐ Yes ☐ No

- Carcinogenic category 1A/1B (Carc with R45/H350 and/or Carc R49/H350i)
- Mutagenic category 1A/1B (Mut with R46/H340)
- Toxic for reproduction category 1A/1B (Rep with R60/H360F and/or R61/H360)

Is the declaration about CMR substances done for a hardened two component product? ☐ Yes ☐ No

If yes, the chemical product is part of a two-component product, is safety equipment used when the hardener is mixed with the paint/lacquer and is the application of the finished two-component product done in a closed system? ☐ Yes ☐ No

### Req. O21 Preservatives

Does the product contain any of the following?

- Isothiazolinones at more than 500 ppm ❒ Yes ❒ No
- Bronopol (CAS-no 52-51-7) at more than 500 ppm ❒ Yes ❒ No
- A blend (3:1) of CMIT/MIT (Chloromethylisothiazolinone CAS no. 26172–55-4 and Methylisothiazolinone CAS no. 2682-20-4) at more than 15 ppm ❒ Yes ❒ No
- Methylisothiazolinone at more than 200 ppm ❒ Yes ❒ No

### Req. O22 Other substances excluded from use

Does the chemical product contain or is the flooring material being added any of the following:

- Substances on the Candidate List*. ❒ Yes ❒ No
- Persistent, bioaccumulative and toxic (PBT) organic substances**. ❒ Yes ❒ No
- Very persistent and very bioaccumulative (vPvB) organic substances**. ❒ 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
- APEO – alkylphenol ethoxylates and alkylphenol derivatives (substances that release alkylphenols on degradation). ❒ Yes ❒ No
- Halogenated organic substances*** ❒ Yes ❒ No
- Phthalates? ❒ Yes ❒ No
- Aziridine and polyaziridines ❒ Yes ❒ No
- Pigments and additives based on lead, tin, cadmium, chromium VI and mercury, or compounds of these. There is an exemption for chromium for dyeing textile fibres, see O24. ❒ Yes ❒ No
- Volatile aromatic compounds at more than 1% by weight ❒ Yes ❒ No

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

*** PBT and vPvB substances are defined in Annex XIII of REACH (Regulation (EC) No 1907/2006). Substances that meet, or substances that form substances that meet, the PBT or vPvB criteria are listed at http://esis.jrc.ec.europa.eu/index.php?PGM=pbt. Substances that are "deferred" or substances "under evaluation" are not considered to have PBT or vPvB properties.*

****Epoxy acrylate used in surface treatment products cured by UV, are not covered by the requirement bullet point Halogenated organic substances.*

****Polymers containing polymerized vinylchloride are permitted in adhesives and sealants, in concentrations under 2.0 weight% polymerized vinylchloride in the final product.*

****Halogenated organic paint pigments that meet the EU's requirements concerning colourants in food packaging under point 2.5 of Resolution AP (89) and bronopol up to 500 ppm are exempted. See O21.*

### Req. O23 VOC in adhesives

Does the adhesive contain VOC (volatile organic compounds) in more than 3% by weight? ☐ Yes ☐ No

### Req. O25 Nanoparticles

Does any chemical product used in the finished Nordic Swan Ecolabelled floor covering contain nanoparticles (from nanomaterial*)? ☐ Yes ☐ No

The following are exempt from the requirement.

- Pigments**
- Naturally occurring inorganic fillers***
- Synthetic amorphous silica****
- Polymer dispersions

** The definition of nanomaterials follows the European Commission's definition from 18 October 2011 (2011/696/EU): "A nanomaterial is a natural, incidental or purposely manufactured material containing particles, in an unbound state or as an aggregate or as an agglomerate and where, for at least 50% of the particles in the number size distribution, one or more external dimensions is in the size range 1-100 nm."*

*** nano-titanium dioxide is not considered a pigment, and is thus not covered by the requirement*

**** this applies to fillers covered by Annex V point 7 in REACH.*

***** this applies to traditional synthetic amorphous silica. Chemically modified colloidal silica may occur as long as the silica particles form an aggregate in the end product. For surface treated nanoparticles, the surface treatment must meet the chemical requirements in O20 (Classification of constituent chemical substances) and O22 (Other substances excluded from use).*

### Req. O31 Environmentally harmful substances

Does the surface treatment product contain any environmental hazardous substances? ☐ Yes ☐ No

If yes, state chemical name, CAS-no and content in % by weight:

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### Req. O32 Volatile Organic Compounds (VOC)

Does the surface treatment product contain VOCs? ☐ Yes ☐ No

If yes, state chemical name, CAS-no and content in % by weight:

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**Signature of chemical product or material manufacturer:**

| | |
|---|---|
| Date | Company |
| Signature by contact person | |
| Name of contact person | Phone |