This schedule of materials (bill of materials) concerns pipes and hoses that are made of plastic/elastomers.

Before you fill out your schedule of materials, it is recommended that you complete the form for product names/versions, so that you have a complete overview of which building components are included in your application, and how you will determine the test version (see below).

The forms in this document expand to fit your text as you fill out the cells. If you want to add a new row to the forms, place your cursor in the last cell in a column and press the "Tab" key on your keyboard.

**Use of toxicological advisor**
As the building component or its components consists of plastic/elastomers a toxicological advisor must be used to carry out a toxicological assessment of the building component, prepare an appropriate test programme and subsequently carry out an assessment and draw conclusions from the test results.

**Information on the building component and its individual components**
Enter details in the form below concerning the components and materials, included in the building component applied for, which come into contact with or can release harmful substances into the drinking water. Only specify information at the level of detail required for the application. If some of the components in your building component are made of the same type of material, then the components and material type can be grouped and specified in the relevant form below.

Complete the form and sections below that are relevant for your application, and attach the completed schedule of materials to the application form.

If you apply for connecting hoses, you must fill out this schedule of materials for the hose and for the fittings, connections etc. the schedule of materials for “Fittings, manifolds, valves etc. made of metal and plastic/elastomers”. If more types or materials of fittings, connections etc. are part of the entire connecting hose set, the schedule of materials for fittings etc. must be filled out for all types and all materials. Specify the “worst case” versions for hose and fittings, connections etc. in the schedules of materials according to the guidelines in the relevant schedule of materials.

**Test version (the version of the building component that is representative for the application)**
All the information provided in the forms below must be based on that version of the building component which is representative for all the versions applied for and which, under testing, constitutes a “worst case” in relation to contact with drinking water and risk of migration of harmful substances into drinking water.

For pipes and hoses made of plastic/elastomers, the test version is always either the smallest dimension or the dimension DN 15 mm. If the dimension DN 15 mm is used, then a toxicological calculation is required - based on the surface area-to-volume ratio - to show what the concentration would have been if the hose with the smallest dimension had been tested. The calculated values must meet the requirements in the Approval Executive Order.

If you are in doubt about the test version, you may clarify it with the Secretariat by mail, before you start the testing.

**Specification of the test version**
In this form, specify the test version of the building component for which you complete the forms below.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Brand name** | **Product name** | **Item / serial number****(Optional)** | **Dimension: DN** | **Dimension: length** |
|  |  |  |  |  |

If more test versions are used, they must all be specified. Test versions that are not covered by the application cannot be listed.

**Components and materials in contact with drinking water that can carry a risk of migration of harmful substances into drinking water**
In the form below only specify the individual components that are in contact with drinking water, or could cause migration into drinking water.

If the component has a separate, valid “Approved for use with drinking water” approval (GDV approval) or a VA approval (health-related properties), which you would like to use as a basis for the application for approval instead of testing the component/subassembly, then the relevant approval number for the component should be specified. For VA approvals, only approvals of components that have been tested and VA-approved with regard to health-related properties before 1 April 2013 and that are still valid, can be used as basis for approval. It is also necessary to attach the actual VA approval to the application.

Foreign approvals should generally not be referred to or attached, but there may be a basis or background documentation for foreign approvals that might be used as documentation. It may for example be specific foreign toxicological evaluations, test programs and test results, provided that they are in accordance with the requirements of the Approval Executive Order and therefore may be included as the documentation of the building component under application.

If you plan to base your application for approval of a building component on an individual component that is in the process of being “Approved for use with drinking water”, then the case number for the application for approval of the component as an independent building component should be specified instead. In such a case, the processing of your application will have to await the issue of an approval for the individual component as an independent building component.

Specify below the types of plastic/elastomers that the building component contains by completing the form to the extent relevant for your building component.

For pipes and hoses made of plastic or elastomers, a test programme based on a toxicological assessment must be drawn up and tests undertaken according to table 1 in Annex 1 of the Approval Executive Order for relevant substances that can influence drinking water.

It is therefore necessary to attach your toxicological advisor’s assessment and test programme, the relevant test documentation and your toxicological advisor’s assessment of the test result.

|  |  |  |
| --- | --- | --- |
| **Component** | **Material type** | **GDV approval (“Approved for use with drinking water”) / VA approval****(Specify approval number)** |
|  |  |  |

**Declaration concerning “on-demand” products**
If the building component application also includes “on-demand” products, then the product range to be covered by the approval should be specified in the form below.

“On-demand” products means that you would like to manufacture your building component in variations that do not exist at the moment, for example based on customer requests, within a given product range. In "on-demand" production, the building component can be delivered upon special request from a specific customer ordering the same version of the building component in terms of design, manufacturing process and materials, but in a variant with special dimensions that do not match any of the versions in the version list.

You should only choose on-demand production if you are already using such production or if you have concrete plans to use it. If you only want to market and produce the variants you have specified in your list of product names/versions, do not complete the form below.

The product range for on-demand production should comply with the test version of the building component, which forms the basis of the application.

The applicant must solemnly declare that the “on-demand” products that the company will manufacture with reference to the approval of the building component under application, will be within the specified product range.

|  |  |  |
| --- | --- | --- |
| **Brand name** | **Product name** | **Overall item number /serial number /type /model****(Optional)** |
|  |  |  |

|  |
| --- |
| **Product range for “on-demand” products included**  |
| *DN* | *Smallest* |  |
| *Largest* |  |
| *Length* | *Smallest* |  |
| *Largest* |  |
| *Other* |  |
| *Other* |  |