

# Product Information 1

## Quality and tested reliability



- Wax Crayons
- Wax Colouring Blocks
- Water Colours
- Modelling Wax
- Modelling Beeswax
- Decorating Wax Sheets

For the Stockmar Company, the quality of its products has been the focus of further development for decades. The revolutionary and trendsetting character of Stockmar's quality standards was clearly confirmed when public interest began to focus on the effects that substances and raw materials have on humans and the environment.

### Stockmar's extra system of controls

The Euro-norm DIN EN 71 for harmful substances specifies limits only for heavy metals and aromatic amine compounds contained in toys, writing utensils, paints and modelling clays. Stockmar, however, does not consider this scope of testing to be adequate, which is why we have adopted additional new parameters in our quality control program. We test for all types of harmful substances that could be present in wax colours, water colours, modelling beeswax, modelling wax and wax sheets as a result of the raw materials used or production techniques involved.

### Stockmar's Testing Program

- Heavy metals
- Aromatic amine compounds
- Pesticides\*
- Polychlorinated biphenyls\*
- Polycyclic aromatic hydrocarbons\*

The Stockmar company has voluntarily added the harmful substances marked \* to its program for testing.



## Cooperation with an independent laboratory

In cooperation with an independent laboratory, testing parameters are specified, raw materials are selected and production methods are determined to assure that the use and application of Stockmar products is completely harmless.

The following groups of parameters are regularly tested in raw materials and finished products by an independent laboratory:

- Pesticide residue\*
- Polychlorinated biphenyls\*
- Heavy metals
- Aromatic amine compounds
- Polycyclic aromatic hydrocarbons\*

The harmful substances tested are chemicals that are widespread in the environment whose occurrence represents a potential danger to human health.

The Stockmar company has voluntarily added the harmful substances marked \* to its program for testing.

## Stockmar products in no way impair or harm people's health or the environment.

### Pesticides

Pesticides can find their way into raw materials, above all beeswax, in a number of ways. They are picked up by honey-producing bees when they come in contact with flowering plants that have been treated and thereby find their way into the beeswax. It also happens that beekeepers treat their bee colonies with Akaricides against specific mite diseases that befall bees. Organic colours can also be polluted with pesticide residue.

### Polychlorinated Biphenyls

Polychlorinated biphenyls (PCB) have been used industrially in many areas in recent decades. These industrial chemicals have caused serious environmental pollution and represent a major health hazard.

Since no specified limits exist for either pesticide residue or for polychlorinated biphenyls in toys, the Stockmar company orientates itself to the lowest levels specified in the "Maximum Allowance" for foodstuffs.

None of these substances tested for have been detected in any Stockmar products to date.



## **Heavy metals**

Heavy metals and primary aromatic amines can be found as components of certain colour pigments or occur in polluted raw materials. If the limits specified by the European norm EN-71 are taken as a basis, the heavy metal content detected in Stockmar products lies far below these levels.

## **Aromatic Amine Compounds**

Constant testing of pigments for aromatic amines results in a consistently reliable selection of the colour mixtures that are used, with the aim to eliminate aromatic amine pollution from Stockmar products.

## **Polycyclic Aromatic Hydrocarbons**

Polycyclic aromatic hydrocarbons (PAH) can develop during the production of waxes. The PAH levels that have been detected to date are within the certified range and can be categorized as low.

