



Technovit®

NEW: DMPT and Phthalate-free – Why?

- Newly developed liquid formulations
free of: N,N-Dimethyl-p-toluidin
- Newly developed powder formulations
free of: phthalates

DMPT
·FREE·

Phthalate
·FREE·

For customers that means:

No toxic/teratogenic products!

Lower detrimental impact on occupational health!

Less environmental pollution!

Continuous product marketability!

No process or documentation changes!

Superior product quality for the same price!



Technovit® safe embedding

Legislation

Current consumer protection legislation and classification of various chemicals will, in future, see the progressive introduction of stricter requirements for selecting raw materials for the development and production of polymer materials.

The primary purpose of these regulations is to make products safer for customers and prompt the adoption of preventative measures.

Reason enough for our development team to start contemplating how to meet these requirements.

Health

The outcome of our development work is the new formulation of our N,N-Dimethyl-p-toluidin- and phthalate-free Technovit mounting resins.

Broadly used as plasticisers, phthalates are deemed extremely hazardous to health. The industrial chemicals are manufactured globally in large volumes and are present in a multitude of products. Humans take in phthalates mainly through ingesting food and inhalation. In this way they consequently enter the human organism and impact on the hormone balance.

New Formulations

This has prompted us to test alternative ingredients to enable us to provide our customers with superlative quality products with the lowest possible health impact.

The result:

- Newly developed liquid formulations
free of: N,N-Dimethyl-p-toluidin
- Newly developed powder formulations
free of: phthalates

If you are looking for a tolerable mounting resin in future, then look no further than „Technovit“.

We also offer user and environmentally friendly products free of hazardous substances in the form of our silicones for taking impressions and BioDiamant suspensions for sample preparation.

**Metallography products from Kulzer –
the height of customer
and environmental responsibility!**

DMPT
·FREE·

Phthalat
·FREE·

WHAT IS IT?

N,N-Dimethyl-p-toluidin is an amine. Amines are very important components and are present in the liquids of most 2-component mounting resins. This year has seen/will see a much more stringent classification of these chemicals, in turn requiring them to be labelled accordingly.

Phthalates are present in most embedding materials (powders) to the order of approx. 0.3-1.5% as a suspension for the initiator component peroxide.

Nine phthalate esters are currently listed on the ECHA Candidate List of Substances of Very High Concern.

KULZER

MITSUI CHEMICALS GROUP

Kulzer GmbH

Leipziger Straße 2

63450 Hanau, Germany

Phone: 0049 (0)61 81 96 89-25 71 or -25 74

Fax: 0049 (0)61 81 96 89-38 64

technik.wehrheim@kulzer-dental.com

www.kulzer-technik.com