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Certificate

The biopersistence of fibres was investigated after intratracheal installation within the following study:

Fraunhofer ITEM study no.:	02G11020
Test substance:	MW TERMOLAN
Sponsor:	Termolan Isolamentos Termo-Acusticos S.A., Portugal
Title:	Biopersistence of Man-Made Vitreous Fibre (MMVF) MW TERMOLAN in Rats after Intratracheal Instillation

This animal study was conducted in compliance with the Principles of Good Laboratory Practice (German Chemicals Law, §19a Appendix 1, July 02, 2008). The protocol of the European Commission (ECB/TM 27 Rev. 7, 1998) with slight changes according study protocol was followed.
The treatment of rats was performed in January 2012 by intratracheal instillation of a total dose of 2 mg per rat. The fibre retention data of sacrifice dates up to 3 months after instillation were used for analysis.

Following halftime was calculated by the method according to the protocol of the European Commission:

Long fibres fraction (length > 20 µm): **< 40 days**

According to Directive *67/548/EEC (revised by guideline 97/69/EG of the Commission dated December 5th, 1997) Note Q,* the classification as a carcinogen need not apply if the halftime for fibres longer than 20 µm is less than 40 days in the biopersistence test by intratracheal instillation.

Prof. Dr. Uwe Heinrich
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