

Summary Report No. 403 400/1

Vienna, 17 October 2010
 Ref. Dr. Grü; ext. 500

Client: Adler-Werk Lackfabrik Johann Berghofer GmbH & Co KG
 c/o Dr. Wolfgang Grubbauer
 Bergwerkstrasse 22
 A-6130 Schwaz

Order: According to orders of 9 July 2010 and 22 September 2010

Test items: Oxidative-cure coating substances labelled *Adler Legno-Öl*, *Adler Legno-Wachs* and *Adler Legno-Pflegeöl*

Type of testing: Testing with regard to spontaneous combustion of product residues (summary based on Expert Opinion No. 403.400/1, where the results obtained have been documented in detail).

The tests were carried out from 9 July to 17 October 2010 in the individual technical departments within the scope of competence of the authorised signatories according to the ofi QM manual.

Tests performed: In order to determine the reactivity of the coating substances in question, their curing behaviour was examined. Then spontaneous combustion tests were carried out without temperature control, on the basis of the ADR recommendations on the transport of dangerous goods, 4th edition of 2003, on substances liable to spontaneous combustion (Class 4.2), using an inert carrier and indented filter paper, respectively. As a next step, spontaneous combustion tests with temperature control were performed, with different quantities of the coating substance applied to cotton cloths and wood dust, respectively. The suitability and effectiveness of the test design used was verified with siccated linseed oil.

Results: None of the tests of *Adler Legno-Öl*, *Adler Legno-Wachs* and *Adler Legno-Pflegeöl* led to spontaneous ignition nor even local charring of the cloths or wood dust, respectively. At no time were elevated temperatures worth mentioning found.

The results obtained, which have been described in detail in Expert Opinion 403.400/1, confirm that the products **Adler Legno-Öl**, **Adler Legno-Wachs** and **Adler Legno-Pflegeöl** are not liable to spontaneous combustion.

The results given in this Test Report have been obtained under the specific conditions of the individual tests. As a rule they are not the only criteria for assessing the product in question and its suitability for a specific purpose of application.		
	Testing engineer:	Florian Kindl
	Director in charge:	 Dr. A. Grünberger (Department of Paints and Varnishes)

Any test results relate only to the samples tested.
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This Report comprises 1 page
 and 0 appendixes.

All tests applied are subject to a quality assurance programme according to EN ISO/IEC 17025:2005.

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