

Statement of conformity with VOC- and CMR- regulation

The sample with the internal sample number 56504-A001 has been tested on behalf of REGUTEC a.s.. The article description according to the customer is V21-41 (V21-41-1).

This evaluation bases on the test criteria of the decree no. 2011-321 of March 23rd, 2011 (VOC regulation) and executive decisions of May 28th, 2009 and April 30th, 2009 (CMR regulation) of the French Ministry of Ecology, Sustainable Development, Transport and Housing.

The results documented in the test report were evaluated as follows.²

VOC regulation

Emission analysis	Concentration (Test chamber air) [µg/m³]	Class			
Substance	after 28 days	C	B	A	A+
Formaldehyde	4	> 120	< 120	< 60	< 10
Acetaldehyde	2	> 400	< 400	< 300	< 200
Toluene	< 1	> 600	< 600	< 450	< 300
Tetrachlorethylene	< 1	> 500	< 500	< 350	< 250
Xylene	< 1	> 400	< 400	< 300	< 200
1,2,4-Trimethylbenzene	< 1	> 2000	< 2000	< 1500	< 1000
1,4-Dichlorbenzene	< 1	> 120	< 120	< 90	< 60
Ethylbenzene	< 1	> 1500	< 1500	< 1000	< 750
2-Butoxyethanol	< 1	> 2000	< 2000	< 1500	< 1000
Styrene	< 1	> 500	< 500	< 350	< 250
TVOC _{tol}	130	> 2000	< 2000	< 1500	< 1000

CMR regulation

Emission analysis	Concentration (Test chamber air) [µg/m³]	Requirement [µg/m³]
Substance	after 28 days	after 28 days
Benzene	< 1	< 1
Trichlorethylene	< 1	< 1
Di(2-ethylhexyl)phthalate (DEHP)	< 1	< 1
Dibutylphthalate (DBP)	< 1	< 1

² If a measurement result that slightly exceeds the specification is assessed as “not fulfilled”, this is based on the agreement of the “shared risk of measurement uncertainty (shared risk approach)”. According to this, the probability that the statement is correct is $\geq 50\%$. Similarly, a result slightly below the specification value also only has a probability of $\geq 50\%$ of being compliant. I.e., the risk of making a false negative statement regarding the fulfilment of the specification is just as high as the risk of making a false positive statement (more information at https://www.eco-institut.de/en/2019/07/measurement_uncertainty/).

Summary statement of conformity with VOC- and CMR- regulation

The sample with the internal sample number 56504-A001, article description according to customer: **V21-41 (V21-41-1)**, meets the requirements of the **Class A+** of the decree no. 2011-321 of March 23, 2011 (VOC regulation) and executive decisions of May 28th, 2009 and April 30th, 2009 (CMR regulation) of the French Ministry of Ecology, Sustainable Development, Transport and Housing.

Cologne, 17.08.2021

A handwritten signature in black ink, reading "M.-A. Dobaj", with a long, sweeping flourish extending from the end.

Marc-Anton Dobaj, M.Sc. Crystalline Materials
(Project Manager)