

Information to VDMA concerning exemption renewal request to European RoHS Directive

From:

IKEA Industry AB

Skrivaregatan 5

215 32 Malmö, Sweden

We are a producer of furniture, based in EU+ Russia & China and employ 19000 people. We manufacture and deliver furniture to IKEA.

We use UV lamps for curing of roller coated and sprayed, surface treated IKEA furniture.

The percentage of UV-based products in our total production is approximately 90% of the painting and lacquering.

We have 35 coating lines, containing 500 UV curing units.

These UV units, consume 2 000 UV lamps annually.

IKEA Industry have evaluated UV-LED lamps for our lines. Several production lines have been partly converted to UV-LED.

Our clear intention is to move away from mercury containing UV lamps, however the existing alternatives are not able to fully replace them yet.

Mercury lamps are still the only option to reach an acceptable surface curing for the final coating layer. Without this possibility, we would not be able to use our coating lines and would need to move production to outside EU or use other techniques than painting and lacquering. Neither which is feasible nor wanted.

During the last 10 years, we have evaluated, tested, and partly implemented other curing possibilities, where possible. We will continue to do this and once there is a realistic alternative to mercury UV lamps, we will start to convert our lines accordingly.

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