

ANALYSIS OF ALTERNATIVES

Non-confidential report

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Submitted by: *DCC Maastricht B.V. OR (Only Representative)*

Substance: *C.I. Pigment Yellow 34 (PY.34) and C.I. Pigment Red 104 (PR.104)*

Use title: *Distribution and formulation of C.I. Pigment Yellow 34 and C.I. Pigment Red 104 powder into paste/dispersions and solvent-based coloured paints with specific functions for industrial or professional use on non-consumer articles.*

Use number: *1*

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1. SUMMARY

At the formulation stage PY.34 and PR.104 have no function, hence no analysis of alternatives can (or needs) to be made. The reader is referred to the full analysis of alternatives given for the use in industrial (use 2) and professional (use 3) settings.

2. ANALYSIS OF SUBSTANCE FUNCTION

Use 1 covers the formulation stage of the pigments into a coloured matrix that can be used to manufacture an actual product. At this stage master batches are created of primary colours (such as yellow and red) and these tend to take the shape of small coloured pellets or paste used in the manufacture of the final product. Although production of these master batches is often done by specialised colouring companies, the demand for the product is purely driven by the end-use in a plastic product. At this stage in the life cycle (formulation) no meaningful analysis can be completed as it is in the end use the value and importance of the pigments can be differentiated.

Further to consultations with ECHA it has been determined that for the purposes of this use it is superfluous to make an analysis of alternatives for this stage. The reader is therefore referred to the analysis of alternatives for uses 2 and 3 for a comprehensive overview of all alternatives.

3. IDENTIFICATION OF POSSIBLE ALTERNATIVES

No alternatives have been identified.