



State of progress of the revision of the BREF document of Surface Treatment with organic Solvent

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From George Chronopoulos presentation in Berlin on 18 April

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Timetable of the revision



Reactivation of the TWG	10 December 2014
Nominations of TWG members	30 January 2015
Call for expression of initial positions	15 May 2015
Kick-off Meeting (KoM)	16–19 November 2015
Data and additional information on KEI, new processes and techniques	December 2015 (on going)
Questionnaire development	February 2016 (on going)
Collection of plant specific data	Q3 2016
First draft of revised BREF document	End of Q4 2016/Q1 2017
Final TWG meeting	Around end 2017



Many different activities to be covered



In particular, current BREF consider:

- ✓ Three printing processes (heatset web offset, flexible packaging and publication gravure)
- ✓ Coating and/or painting on different substrates : winding wires, cars and commercial vehicles, buses, trains, agricultural equipment, ships and yachts, aircraft, steel and aluminium coil, metal packaging, furniture and wood, as well as other metal and plastic surfaces
- ✓ Adhesive application in the manufacture of abrasives and adhesive tapes
- ✓ Impregnation of wood with solvent-based preservatives (including creosote)
- ✓ Cleaning and degreasing associated with these activities.

New activities will be included into in the new BREF version:

- ✓ PU (polyurethane) and PVC textile or fabric coating and impregnation using DMF (N,N-dimethylformamide – a hazardous substance)
 - ✓ Other coating processes for the production of: self-adhesive labels, lamination film, paper foil, synthetic film (to be included into current chapters' information)
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Review process through a questionnaire



Data and information gathering (through the plant-specific questionnaires) will focus on:

- ✓ Emissions to air:
 - ✓ VOCs as total emissions, in waste gases and as fugitive emissions
 - ✓ dust (where relevant)
 - ✓ Substances of Very High Concern (SVHC),
 - ✓ NOx and CO from thermal waste gas treatment
 - ✓ Emissions to water: VOCs, SVHC and metals
 - ✓ Water and energy consumption
 - ✓ Raw material management, waste generation prevention and waste treatment
 - ✓ Emissions to soil and groundwater of solvents and other chemicals
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The review process – information on techniques

- ✓ To update the currently available information on techniques (delete obsolete techniques, complete the current information on valid techniques based on the 10 heading template for the information submission on a candidate BAT).
- ✓ Emphasis is given to the performance of installations and techniques in terms of emissions and consumption, associated monitoring and economic and technical viability
- ✓ Ensure consistency on technique descriptions with recently adopted BAT conclusions in other BREFs (e.g. CWW)