

2.D.3.g - Chemical Products

Short description

Source category *NFR 2.D.3.g - Chemical products* comprises NMVOC emissions from the use of solvents in the following manufacture processes:

- Polyester and Polyvinylchloride processing
- Polyurethane and Polystyrene foam processing
- Rubber processing
- Pharmaceutical products manufacturing
- Manufacture of paints and lacquers, inks and glues
- [Asphalt blowing](#)
- Adhesive manufacturing, magnetic tapes manufacturing, photographs manufacturing
- Solvents manufacturing:
 - Manufacture of wood preservatives
 - Manufacture of building material additives
 - Manufacture of solvent-based consumer goods
 - Manufacture of surface cleaning agents
 - Manufacture of antifreeze agents and de-icers
 - Manufacture of waxing and dewaxing agents
 - Manufacture of paint strippers

'NMVOC' is defined in keeping with the VOC definition found in the EC solvents directive. For purposes of the definition of solvents, the term 'solvent use' is also defined in keeping with the EC solvents directive.

[Tabelle einfügen]

Method

Discussion of emission trends

Uncertainties

Recalculations



For specific **information on recalculated emission estimates for Base Year and 2018**, please see the pollutant specific recalculation tables following chapter [8.1 - Recalculations](#).

Planned improvements

Asphalt blowing

The process of air blowing of asphalt could not only be conducted at oil refineries but also at asphalt processing and asphalt roofing plants. The emissions of air pollutants in that plants depend on various parameters like process conduct and measures to control and abate emissions. All that information is not available to determine the activity rates and emission factors. The Tier 2 emission factors for asphalt blowing in the EMEP/EEA air pollutant emission inventory guidebook 2019 only are uncontrolled emission factors based on US plants before 1980 seeming unsuitable to represent national conditions. Therefore it is planned to gather information to report emissions on a Tier 2 level. That reporting could not start before

submission 2022.