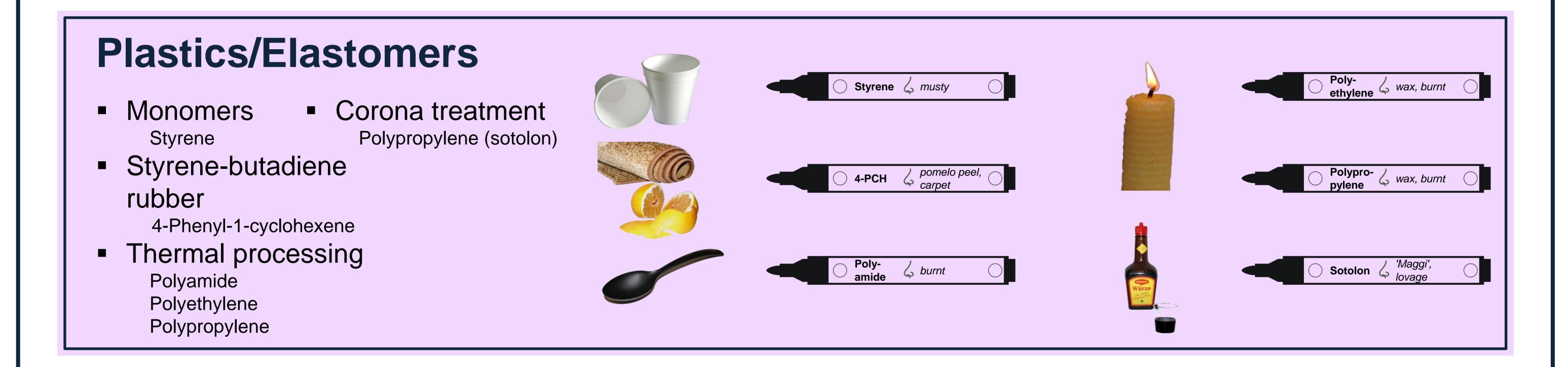


# **Taints from Food Contact Materials**

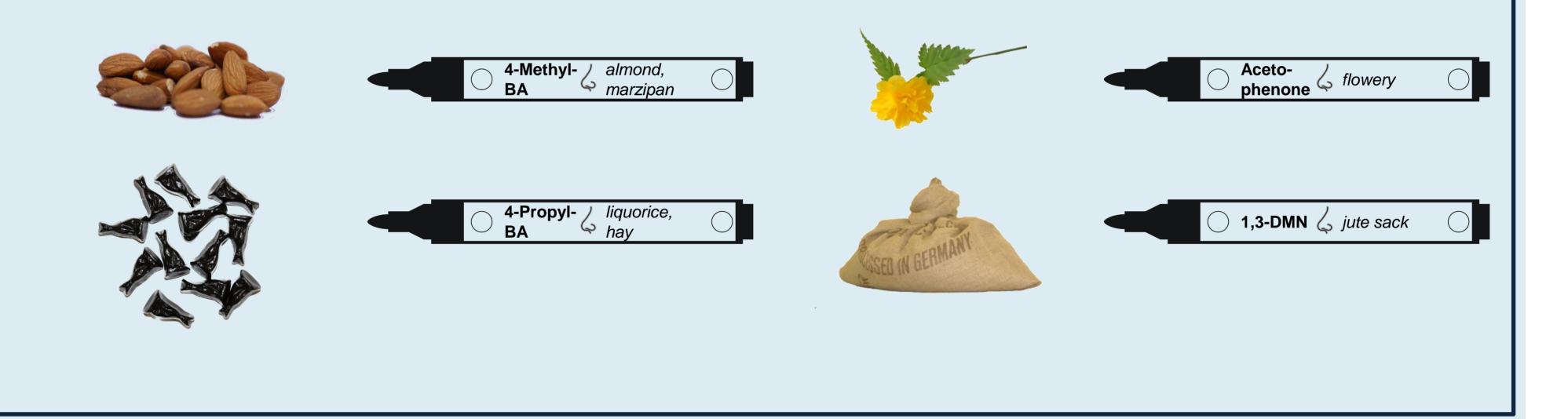
K. Duckstein, M. Dreger, E. Striebing, T. J. Simat TU Dresden, Germany, Chair of Food Science and Food Contact Materials

According to Art. 3 of the framework regulation 1935/2004/EC and Art. 3 of the GMP regulation 2023/2006/EC food contact materials should not transfer constituents to the packed food that brings about deterioration in the organoleptic characteristics therefor. This selection of an odour library presents some important food contact material related taints and may serve for panel training and quality control purposes.



## Additives and production aids

- Degradation products of
  - nucleating agents
    4-Methylbenzaldehyde
    4-Propylbenzaldehyde



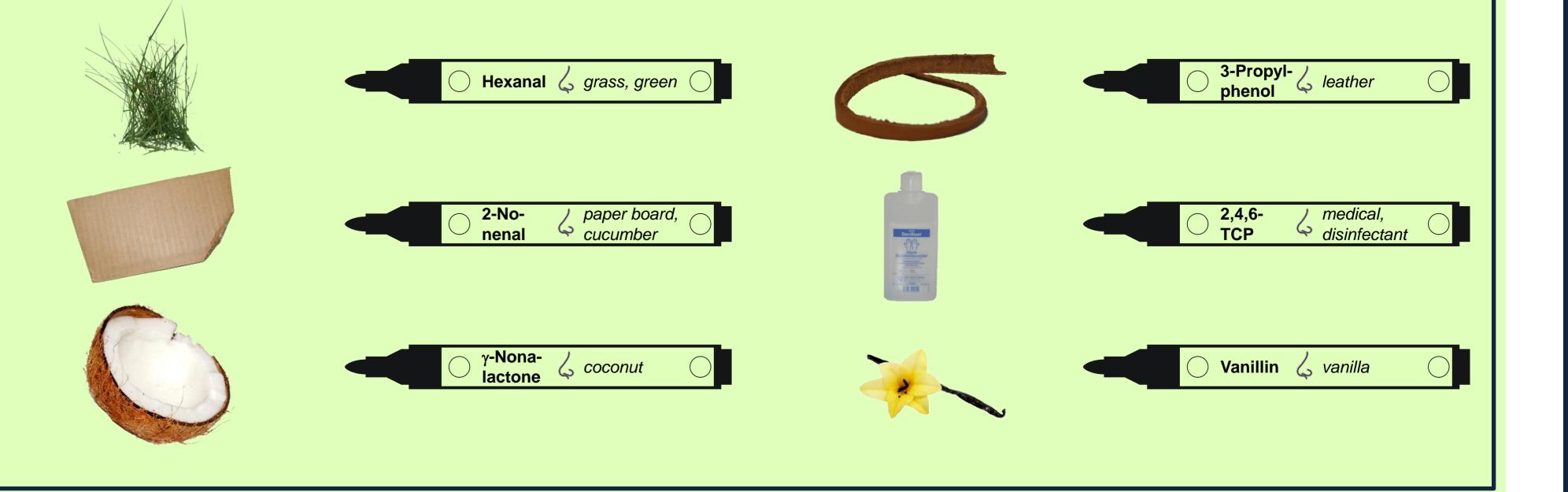
- peroxide crosslinker
  Acetophenone
- Lubricating oil
  1,3-Dimethylnaphthalene

### Printing inks and adhesives



#### Paper and board

- Lipid oxidation products
  Hexanal
  Nononal
  - 2-Nonenal
  - $\gamma$ -Nonalactone
- Lignin related compounds
  - 3-Propylphenol 2,4,6-Trichlorophenol Vanillin



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