

EFFECT OF CLEANING PRODUCTS ON UPHOLSTERY LEATHER FINISHES

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SUMMARY

The work reported in this document discusses the cleaning products used to clean upholstery leather finishes. The products examined range from leather cleaners, non-typical leather cleaners such as washing up liquids, furniture polishes, leather dressings, etc. Possible contaminants e.g. hair spray and finally ink removers. As a section of the project, an initial trial examining the mechanism of soiling of upholstery leather surfaces was carried out. The techniques discussed include optical microscope, scanning electron microscope and attenuated total reflectance.

SUMARI

El treball descrit en aquest document aborda l'estudi de productes de neteja del cuir i els seus efectes. Els productes examinats estan dividits en tres apartats:

- *Netejadors específics per tapisseria de cuir; tant per tapisseria domèstica com per automòbil.*
- *Productes no específics aplicables en cuir (betums, netejadors multi ús per tapisseria i abrillantadors per mobiliari) i altres (sabó rentaplats, lleva taques, laques i gel pel cabell).*
- *Netejadors per taques de tinta. Es va examinar a nivell microscopi la superfície del cuir després de la seva aplicació i la contaminació química soferta.*

En la part final d'aquest treball es va iniciar un estudi sobre la tensió superficial de l'acabat (capa més externa del cuir) per determinar si aquesta propietat física té una possible implicació en el procés d'embrutiment de la tapisseria de cuir. Les tècniques emprades inclouen microscopia òptica, microscopia electrònica d'escombrat i reflectància total atenuada.

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APPENDIX 1

METHODS

APPENDIX 2

INSTRUMENTATION

APPENDIX 3

ATR SPECTRA

APPENDIX 4

PUBLISHED WORK