

Title (en)
TRANSFER LACQUER FILM AND METHOD OF MAKING IT

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Application
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Abstract (en)
[origin: US4451522A] A transferable enamel sheet and the process for producing it is disclosed, which consists of a carrier film, a release layer applied thereon, a paint or enamel layer and an adhesive layer whereby a neutralization layer of wax-type consistency, preferably carnauba wax is applied to the release layer which is of the dimethyl-siloxane type (silicone). It is possible to preform two types of transferable enamel sheets. One of them is characterized by the adhesive layer between the neutralization layer and the paint or enamel layer. In this case the enamel paint itself is used as a removable coating, which can immediately be adhered to the surface to be touched up or painted. The other type is characterized by a buffer layer, preferably acrylic resin coated on the neutralization layer and by sharp defined enamel-characters being printed on the buffer layer with an adhesive layer on the outer side to transfer the characters to any surface.

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Cited by
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