Aging of a poly(vinyl acetate)-based white glue and its dura-bility in contemporary artworks

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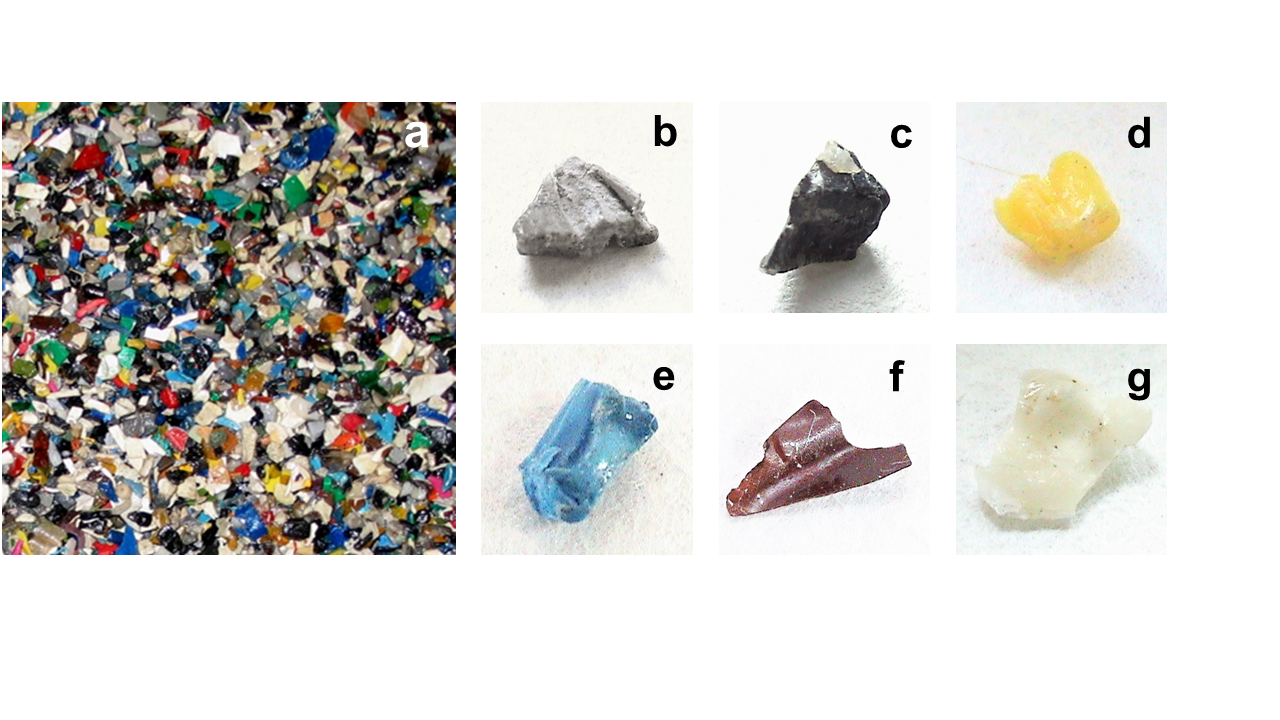
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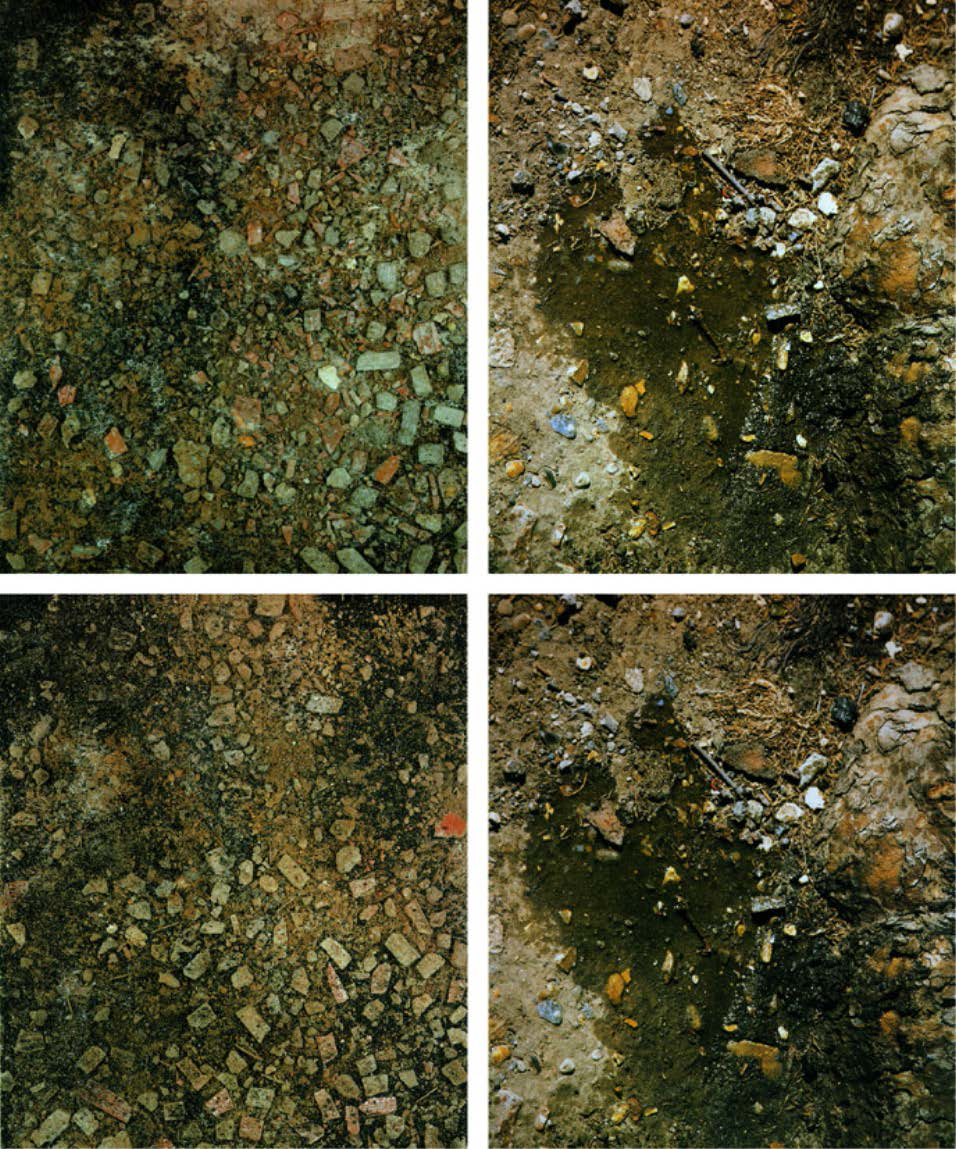
**Supplementary Materials**: Figure S1: Photograph of *Palette* (from the portfolio *For Joseph Beuys*) by Tony Cragg; Figure S2: Detail of *Palette* and photographs of detached debris; Figure S3: Photograph of *Tierra, ladrillo y agua I, II, III e IV* by Dario Villalba; Figure S4: Details of the Villalba’s artwork, also showing glue accumulation and detachments; Figure S5: DSC thermogram of Villalba’s white glue fragment; Table S1: Evolution of the CIELAB coordinates of dried commercial glue films exposed to isothermal aging at 130ºC.



**Figure S1**. Photograph of *Palette* (from the portfolio *For Joseph Beuys*) by Tony Cragg (artwork of the permanent collection of the Centro Galego de Arte Contemporánea, CGAC).



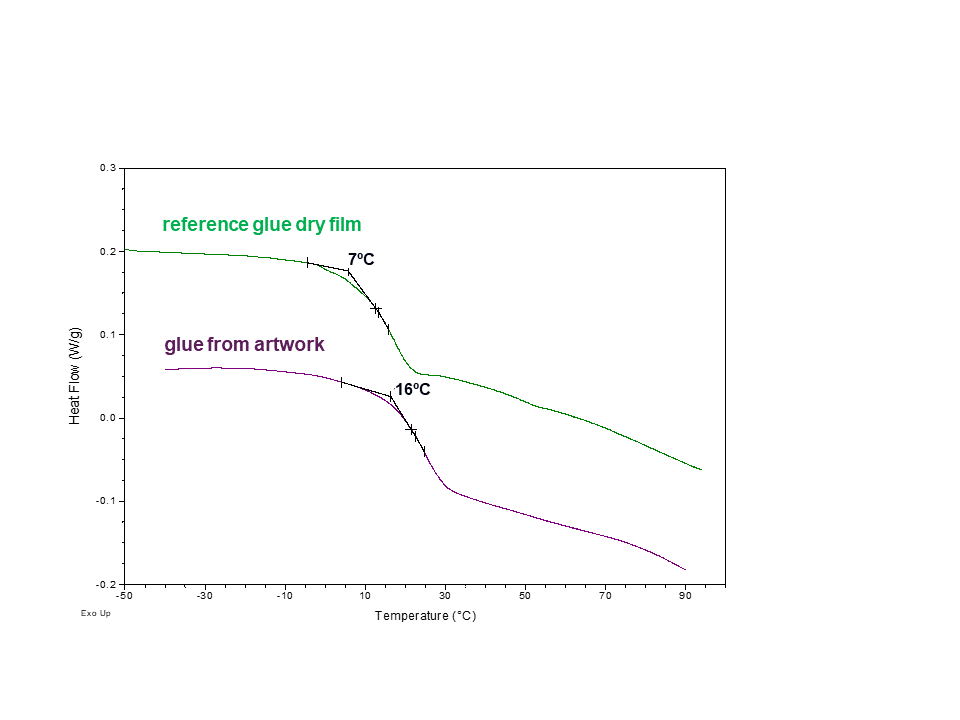
**Figure S2**. Detail of *Palette* (a) and photographs of detached debris (b-g).

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**Figure S3**. Photograph of *Tierra, ladrillo y agua I, II, III e IV* by Dario Villalba(artwork by the Centro Galego de Arte Contemporánea, CGAC).



**Figure S4**. Details of the Villalba’s artwork, also showing glue accumulation and detachments.



**Figure S5**. DSC thermogram of Villalba’s white glue fragment.

**Table S1**. Evolution of the CIELAB coordinates of dried commercial glue films exposed to isothermal aging at 130ºC.

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| Time (h) | ΔL\* | Δa\* | Δb\* | ΔE |
| 24 | ‐5.52 | ‐9.98 | 15.43 | 19.19 |
| 72 | ‐10.89 | ‐9.54 | 18.82 | 23.74 |
| 120 | ‐21.39 | ‐9.89 | 25.00 | 34.36 |
| 240 | ‐25.61 | ‐8.48 | 29.84 | 40.23 |
| 550 | ‐29.58 | ‐8.87 | 32.41 | 44.77 |