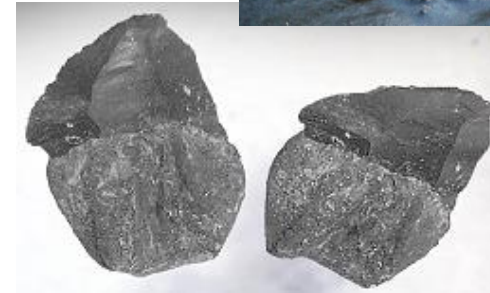


Adhesive/Glue/Lijm research

Nikki Vieler

Pre-History

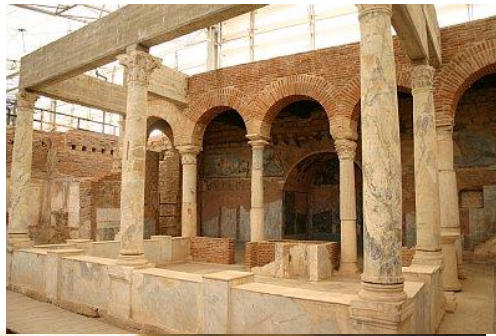
- Oldest object that has been glued together is roughly 200,000 years old (stones found in Italy that were glued together)
- Tar was the first used glue
- Ötzi the Tyrolean iceman had objects that were “glued” together.



Historical use of glue



- Egyptians used glue for many things
- Romans and Greeks used it for quite a lot of architectural work and shipmaking
- In central Asia the mongols used it for bow making
- It fell in disuse in Europe until 1500-1700

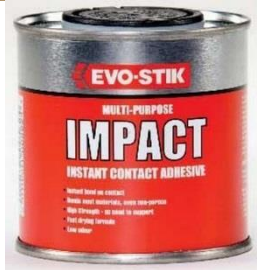


Industrial revolution until today

- Modern adhesives started in Holland (animal skin glue)
- Glues slowly started to be used more up til the turn of the 20th century.
- Arrival of synthetic glues created more usage
- World Wars fueled the use of glues greatly



Impact



The Glue Society

- Early on, not that much
- Glue wasn't really effective in moist conditions
- Still many craftsmen and makers used it in making their tools and products
- Arrival of synthetic adhesives changed a lot concerning usage
- We now use an awful lot of (different) glue(s)



Interesting Impacts

- A lot of hotgun glue is used by many students...
- Super glue was used during Vietnam war to glue wounds
- Super glue is used by Fred Couples when he plays golf.
- Kintsugi is a part of Japanese culture where glued broken objects are appreciated



Sources

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- <http://www.bsahome.org/archive/html/escreports/historyofadhesives.pdf>
- <http://www.newworldencyclopedia.org/entry/Adhesive>
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