

Liquid glue

By: Osiris Perez

Background Information

- It was needed to fix broken ceramic products.
- Used in furniture making and repair by the Egyptians.
- Glue was used to make cave paintings last longer.

The solution

- Glue creates a small surface chemical reaction between two materials and therefore bonds the two things.
- Glue solves this problem by creating a bonding agent for broken things and allows for sturdy, immobile joints.
- At first, glue was made of plants and animal products. Now we use milk, which makes it stronger and more flexible.

Outcomes

The solution was further improved when the animal and plant solution was replaced by milk. This made the glue stronger and more flexible, which made it much more useful. It can be improved by mixing different types of chemicals into it to create stronger and more flexible bonds. I.E. crazy glue, which was discovered accidentally.