

FROM MILK TO GLUE!



Materials

- 1/2 cup milk
- 2 tsp. vinegar
- 1/4 tsp. baking soda
- Small crock pot
- Small mixing bowl

DIRECTIONS

1. Pour the milk into the crock pot.
2. Heat milk slowly. Stir the milk until it is hot but not boiling. Turn off the crock pot.
3. Add vinegar and stir. Lumps will begin to form.
4. Pour off liquid and rinse the lumps in cold water. These lumps are called **casein**, which is milk protein.
5. Pour lumps into a small mixing bowl and add baking soda.
6. Slowly add a little water and stir until the mixture becomes pasty. You now have milk glue!

NOTE: Store glue in a covered container in the refrigerator to keep the glue from drying out.