# SUPER SOLVENTS

NAME _____ DATE _____

Solvents are chemical substances that can dissolve, suspend, or extract other materials, usually without chemically changing either the solvents or the other materials. Solvents can be organic, meaning the solvent contains carbon as part of its makeup, or inorganic, meaning the solvent does not contain carbon. For example, "rubbing" alcohol is an organic solvent, and water is an inorganic solvent.

OBJECTIVE: Understand what makes a good solvent

METHOD

Materials

- White board with marks of pencil, marker pen, fountain pen and ballpoint pen
- Water - Alcohol - Nail-polish remover - Cotton bud

Procedures

1. Moisten a cotton bud with water.
2. Draw the moisten bud across the pencil mark on the board 5 times. Note any changes made to the mark.
3. Repeat the procedure across the marker pen, fountain pen and ballpoint pen mark.
4. Using a different cotton bud, moisten in the alcohol.
5. Repeat procedures 2 and 3
6. Using a different cotton bud, moisten in the nail-polish remover
7. Repeat procedures 2 and 3

CONCLUSIONS

1. Which solvent is the best? Explain your answer.

2. What hazardous are associated with using solvents other than water?

3. Emulsion paint is used for ceilings and walls. How would you clean the paint brushes afterward?