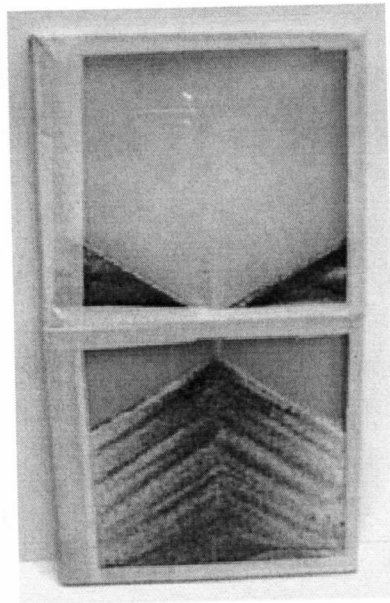


Avalanche



Materials

- 2 CD jewel cases (regular thickness, not ultra-thin), with the inserts that normally hold the CD removed
- Masking tape
- Black sand -- in California, this is sometimes "magnetic" sand, containing the mineral magnetite
- Salt (ordinary table salt, not rock salt)
- Measuring spoon, 1 Tablespoon
- Paper or plastic cup, at least 3 ounces
- 4x6 card
- Sheet of newspaper, or paper towel
- Electric drill
- Drill bit, 1/4 inch

Assembly

1. On one of the CD cases, drill a 1/4 inch hole halfway across **each** of the two **SIDE** edges (**NOT** the **FRONT** or **BACK** edges).
2. On the second CD case, drill a 1/4 inch hole halfway across **one** of the side edges.
3. Remove any plastic burrs or shavings from the holes and from the cases.
4. Use masking tape to carefully tape around all four sides of each case except where the holes are drilled. The case should be completely sealed shut with tape, including the open space formed by the removal of the plastic insert that normally holds the CD in place.
5. Tape the two cases together so that the hole in the CD case with one hole exactly matches up with one of the holes in the case that has two holes. (If necessary, slide the cases slightly sideways to get the holes to line up before taping.) This will leave one uncovered hole in one of the cases. What you should now have is in effect an hour-glass made from CD cases, with a hole in one of the chambers.
6. Place newspaper on table so that the sand and salt will not get all over the place.
7. Make a funnel out of a 4x6 card so that the funnel opening will just fit into the uncovered hole. Use masking on the edge of the funnel so that it will retain its shape.
8. Measure 3 level Tbs (45 mL) of black sand and 3 level Tbs (45 mL) of salt into the cup, and use the paper funnel to pour it into the uncovered hole.
9. Put a piece of masking tape over the uncovered hole to seal it.

Avalanche.....3/4/05

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