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Solder5:

Please note that this is a close substitute and a workable alternative for soldering/connecting where a hot iron is not convenient. It is however, **NOT** solder, but can be used for similar tasks. Solder5 is basically the same as Conductive Paint but with a much stronger bonding agent.

An example as a Step by Step Guide:

1. First and most important, do remember to shake it before and during application. It takes a long time to mix properly due to its viscous nature.
2. Then e.g. if you are connecting a wire to a board. Place the wire at the point of contact over the PC board or whatever and fix their positions so they do not shake or move during the drying period. Preferably the two parts to be joined should have a contact.
3. Take a needle, pin, or if the drop should be larger, then cut a strip from a business card with the tip as wide as you need. This will be your "applicator".
4. Dip the "applicator" in the "well shaken and not already settling" solder5. and dab it on the parts to be joined, making sure there is enough to cover.
5. Leave it to dry. It takes some time. So if you do it at night, then leave it for the night. Just make sure that the parts that are being "glued" are going to stay stable and will not move during this process.
6. If it has spread to an area where you would not want it, then a) if still wet, clean without disturbing the "good" part. A razor blade edge is the best to give a clean separation.
7. If it is dry then scratch and remove with a razor blade, but being careful during application is better.
8. If you want to apply this to larger areas, to create a conductive surface, for example, coating wood or plastic surface to become conductive instead of covering with a strip/sheet of metal, you can use a fine brush. You cannot spray it as it would thicken in the nozzle.
9. It functionally dries in a short while but to make sure you have the right strength and it will not move under slight pull or pressure, let it dry for a few hours. You can speed up the drying by using a hair dryer at the low setting or putting it in the sun.

The "other" bottle:

The other bottle contains the thinner/solvent. That is basically for cleaning the "applicator" or fingers etc. or if it drops somewhere. Solvent will work while the Solder5 is not completely dry. Solder5 contains fine metallic powder which may not completely be removed on cleaning with the solvent/thinner. Use soap to wash it off from your hands. If it is a small droplet, just directly wash hands with soap/detergent and warm water. Solvent is similar to Nail Polish Remover and behaves the same way. Do not use Nail Polish remover to remove this from an application, as that has other chemicals in it. Pure Acetone from Hardware store is preferred to a Nail Polish Remover, unless it is an emergency. If Nail Polish Remover is used, and the surface needs to be reused, then clean the surfaces with the thinner/solvent again to remove any extraneous deposits.

Disclaimer:

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