

How Do I Know Which Contact Adhesives Are Right For My Job?

Contact adhesives have been used for hundreds of years and were initially used in the construction field. There are many different types of contact adhesives available and each has its own unique purpose and place in the construction process. If you are working with wood then I would suggest that you use wood adhesives like wood glue or wood putty to ensure that your woodworking projects are strong and will last for long. If you are using steel or other metals for your construction then I would suggest that you use plastic adhesives, such as polyurethane based glue. Woodworking glue and wood putty are excellent for use on wood and metal because they have exceptional adhesive properties and will not damage the finish of your woodworking project.

here Flammable solvents are the most common type of contact adhesives, however there are a number of other types that are less common such as the water based solvent based adhesive, alcohol based solvent based adhesive, or the carbolic acid based flammable solvent contact adhesives. If you are unsure which one to purchase keep reading, because each type of flammable solvent contact adhesive has it's own unique properties and benefits. The water based flammable solvent contact adhesive will usually set very fast due to its ability to evaporate quickly. This allows the glue to be applied directly to the surface you are applying it to. The water based glue will also set fast, which allows you to get a more accurate and consistent application than if you used the alcohol or acetone based glues. The reason these two types of flammables are so popular is because they are very safe to use around kids and animals.



Alcohol or acetone solvents are toxic and can severely affect your pets and children if the drying time is not shortened. Often pets and children will not notice the drying time, but if you drop a bottle of glue on a child's bottom you can literally cause permanent damage. When drying time is extremely important and you don't want to compromise the safety of your job do not use them. Also when drying your floors use the recommended rubbing alcohol/acetone mixture and make sure to wipe away all excess if any. These solvents can also be detrimental to some types of wood if they are not properly cleaned before application.

Abrasive contact adhesives allow you to bond two flat surfaces together by creating a film over the surface you are bonding. These two kinds of contact adhesives tend to be very durable and versatile. They can be used to bond metal, wood, plastics, and even some fabrics. You will need to have an application method in mind before you purchase your products, because they come in many different varieties of application methods. Most of the products available at your local hardware store contain acetone and are meant for household use only. These types of solvents are best suited for bonding metal surfaces or those with a little extra wiggle room.

You will need to clean these types of products thoroughly when applying to ensure they are clear and free of any dust particles before application. If you have any cleaning agents such as acetone it is wise to wipe them all off prior to beginning application. You will want to start by making sure the roller or brush is clean and any other materials are completely dry before proceeding. The contact adhesives will need to be completely dry before you apply them to the surface.

Vinyl contact adhesives can be used for plastic laminate or wood surfaces. Because vinyl can be extremely fragile, it is important to use the proper solvents for the job. Always read the instructions for the specific vinyl product before beginning a bonding project. For example, the acetone listed as one of the main ingredients in most contact adhesives may not be appropriate for applying to wood.

In general, the best choice are the synthetic solvent based adhesives as they offer a great variety in terms of textures, colors and sizes. Solvent based adhesives can also offer a very wide range of properties that allow them to be used for a variety of bonding projects. They also dry much more quickly than solvent based adhesives and do not create as much waste.

A very popular method of bonding is called injection molding. This method allows the manufacturer to quickly create a large number of identical items because the process of mixing the two primary parts is done right in the injection chamber. Once the solution containing the molten glue is injected into the mold, it melts and hardens immediately, providing a very strong adhesive for use on just about anything. Because of the quick drying time and the strength of the bond, it is important to use a high quality solvent based adhesive when working with metal or plastic. The glue should always be allowed to dry thoroughly between applications. If it isn't dried properly, the glue may split or damage the material it is holding.