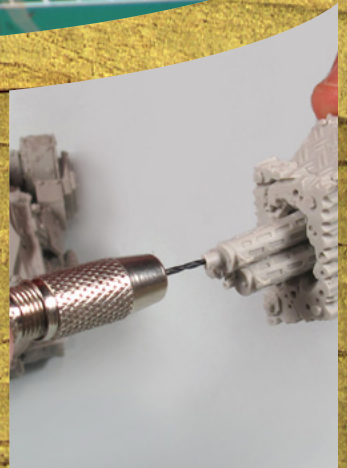


THE ARMY PAINTER

Guide to assembling your miniature army



Assembling your army

There are many tools and different types of glue around. This guide will focus on assembling your units/monsters using the various types of glues correctly. It is important to keep in mind that if you need to use multiple sprays (see next step) you should not glue those parts together until after the spraying.

SAFETY FIRST!

It is important to read this flyer to get a general idea of the tools involved in assembling an army of miniatures. Tools can be pointy, razors sharp or have other means of hurting you - if you're not being careful



When assembling miniatures: ALWAYS use safety goggles



If required, only use tools under adult supervision.



Tools of the trade...

The Army Painter Hobby tools are for the most part made from stainless steel and all are especially designed for each specific task.

Each tool can either be purchased individually or as part of one of The Army Painter tool sets.

Visit www.TheArmyPainter.com To learn more.

On the following pages, we will provide tips and shortcuts to improve your skills with the tool range. Enhancing the quality of your miniatures and give you more time for gaming



HOBBY SET

[VIEW ONLINE](#)

PLASTIC ASSEMBLY SET

[VIEW ONLINE](#)



METAL/RESIN ASSEMBLY SET

[VIEW ONLINE](#)

Using Wargame Glues

How to use The Plastic Glue



Most armies these days have core troops and units in plastic. Polystyrene Cement, or Plastic Glue, "melts" the plastic making the glued components as one – once hardened.



To speed up the assembly process, empty the sprues and pile the bits up; right arms, heads, legs, etc. Then proceed to glue one miniature at a time making sure it ranks up next to the other models in the regiment.



Movement Trays

If you have large units a movement tray is a very useful addition. To make your own, buy some thick cardboard and cut some 2 - 3mm. Broad strips in length and glue them around the unit arrayed on the cardboard for a perfect match.



Conversions

Conversions are a great way to personalize your army. When you glue metal to plastic always use Super glue (and Activator) and make sure each part going together has been smoothed with a model file.



Ancestors of war and Marik games

Using The Army Painter Super glue



Super glue is wonderful if applied to a pre-filed miniature in small amounts, nasty if you get it on your fingers! Super glue bonds when there's no air (that is why the bottles always have a lot of air in them), so take care to make the adjoining edges smooth by using a file, to minimize air between the 2 parts.

- Use tiny amounts of Super glue. Less is more
- Can glue fingers and eyes in seconds!
- If you suffer eye contact, do not attempt to open the eye but seek immediate medical attention!

Activator is a rather innovative product which works by creating a split-second airtight bubble around your super glue instantly hardening it. Put glue to one part of the mini, then press the 2 pieces together and spray burst from the Activator. Release after a couple of seconds, the model is now glued.



Ancestors of War



Gamecube Miniatures

Basing With The Battlefield Basing Glue



The Battlefields Basing Glue is extremely well suited to glue sand and scatter to the bases. Apply an even layer to the base of you miniature, large or small, with an old brush (it is hard to remove from the bristles of the brush after application, like The Army Painter Quickshade we advise that you use an expendable brush) and do not cover the feet, hoofs, wheels, tracks or the like of the model.

The Battlefields Basing Glue is water based and non-toxic and can be cleaned of with water before drying. After drying excess glue can be scraped off but may stain table or cloth.



Black Scorpion Miniatures

Tools for assembly and customizing

Working with Green Stuff



Wash your hands thoroughly after working with Green Stuff

Green Stuff is a two component epoxy putty (yellow and blue) that when mixed becomes green. Use it to fill holes and cover mould errors or use a sculpting tool and design your own cool additions to your models ...

Always use equal parts of yellow and blue putty - use it straight after mixing!

Many larger miniatures have intricate joints and details to be glued one, but oft as not these joints become weaknesses, and your miniature warriors have no stomach for weakness. Green Stuff is an excellent tool to strengthen these joints.

Use a small piece of Green Stuff, take care to use equal amounts of blue and yellow, roll them together and either with your fingers or the sculpting tools fit them around the joint and let it harden. Once hardened the joint will be as strong enough to stand the test of continued battle.

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Gripping beast



Customizing with Green Stuff

If you want your miniature forces to be unique one way is to customize them, either with banners and custom parts from the store or by creating them yourself with green stuff.

Once the blue and yellow parts are mixed, you will have around 15 minutes to shape the putty. This time can be extended by wetting it, which also makes it softer and more flexible - but doing so will also extend the drying time!

Kromlech



The original sculpting tools are used in conjunction with Green Stuff and offers the modeller a range of different heads with each their function.

The Army Painters Sculpting Tools set includes 3 different carvers all made in stainless steel.

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Customising and Assembly tools

MINIATURE AND MODEL DRILL

Also referred to as a Pin Vice, this handheld drill is used for drilling holes in miniatures and especially for pinning larger metal parts together by drilling a hole in each part and then connecting it with a small piece of brass wire (or piece of paper clip) and Super glue.

- Use it to drill realistic looking bullet holes in vehicles and heavy armour.
- Drill out gun barrels large or small.

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The drill excels at drilling out gun barrels of any calibre

MINIATURE AND MODEL FILES

Quality steel files from The Army Painter comes in many shapes but all have the same purposes although handled differently:

- Use to clean metal, plastic and resin/Finecast™ miniatures.
- Always smooth the surfaces of the two parts to be Super glued.

For more control and especially intricate miniatures choose the curved specialty files



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DANGER: VERY SHARP!

PRECISION HOBBY KNIFE

The Hobby Knife is in essence a surgical scalpel -so it is razor sharp. The Army Painter Hobby Knives have ergonomic safety handles (rubber or ruffled) and spare blades.

- Use to clean miniatures, remove mould-lines or cutting of delicate bits of both metal, plastic, resin or Finecast™
- Do not cut larger bits of metal!
- Great for paper banners/ cardboard movement trays.
- Always cut away from yourself

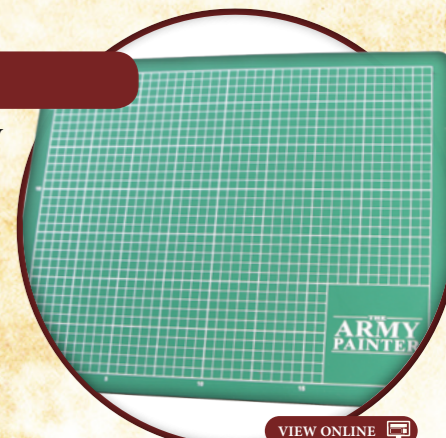
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CUTTING MAT

The Cutting Mat is used as a base for all modelling, assembly and conversion of wargames miniatures, and will protect your workstation/table from unnecessary damage. The Cutting Mat is self-healing and is a must for every wargamer and modeller. The Cutting Mat is supplied with cutting lines, enabling you to ensure measured precise cuts.

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PLASTIC SIDE CUTTER

The Plastic Side cutter is named after its purpose, not the materials used to make it. The Plastic Side cutter is very sharp and has a specially formulated pointed tip, to allow for precision cutting on a frame of miniatures.

- Do not use this tool with anything other than plastic miniatures as it might snap if cutting hard metal.
- Cut close to the model for best results, turning the flat end towards the part being cut. It's well suited to remove "flash" from resin/ Finecast™.



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METAL SIDE CUTTER

The Metal Side cutter is for metal miniatures or larger bits of resin. It is a lot more durable than the Plastic Side cutter but not quite so precise.

- Use it for cutting arms, legs weapons and for cleaning metal miniatures.
- If cutting a larger piece of metal make many smaller cuts, rather than one large (risking the tool snapping).
- Only use for "white metal" used for miniatures and avoid! Steel and piano wire.



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HOBBY PLIERS

The Hobby Pliers are excellent for gripping everything from tufts to pieces of miniatures. It gives you great control with its ergonomic handle.

- Use it to grip miniatures while working with details.
- Grip single tufts and glue them to the base of your miniature without getting sticky fingers.
- Bend and reshape metal parts and pins.

Gives you full control
excellent for tufting or
clamping miniature while
glueing



VIEW ONLINE 

HOBBY SAW

DANGER: VERY SHARP!

The Wargaming Hobby Saw has been designed to make clean cuts in both resin, plastic and metal miniatures. The saw is mostly used for converting miniatures and for cutting through miniature parts too thick for the Side Cutter.

Excellent for

- Modifying miniatures and bases
- Building scenery and buildings



VIEW ONLINE 

Gamezone miniatures

Get more time for Gaming!

The Army Painter tool line, helps you to go from boxed miniatures to massed and battle ready army in no time. **Giving you more time for gaming!**

Visit www.TheArmyPainter.com For galleries, tools and all the other products you could ever need for your hobby.

