I'M FOA, I COSPLAY, AND YOU COULD SAY I KNOW HOW TO MAKE ARMOR.
THESE PEOPLE, THEY KNOW A BIT ABOUT ARMOR MAKING TOO.
ARMOR IN COSPLAY
GAMES

Cosplay Armor | Oni-Con 2013
ANIME & TV
Cosplay Armor | Oni-Con 2013
WELL KNOWN ARMOR MEDIUMS

• Paper Mache / PapierMache
• Craftfoam
• Thermoplastics | Wonderflex & Worbla
• Professional Level Plastics | Sintra & Styrene
PAPER MACHE

Cosplay Armor | Oni-Con 2013
PAPER MACHE

• Pros – Cheap, Sturdy and can form pretty much any shape.
• Cons – Time Consuming, Messy, Requires quite a bit of finishing.
• Types – Paper Mache your mom made! Papiermache – paper pulp.
CRAFTFOAM

DIY belt

Cosplay Armor | Oni-Con 2013
CRAFTFOAM

• Pros – Cheap, many applications, easy to work with
• Cons – Fragile, Doesn’t tend to look as nice
• Notes
  • I use Craftfoam for templates.
  • it can be finished to have a very sturdy armor like appearance and feel (though the technique is time consuming)
  • can be heat molded slightly
  • Can be covered with fabric for a really nice appearance.
WONDERFLEX & WORBLA

Cosplay Armor | Oni-Con 2013
WONDERFLEX & WORBLA

• Pros – Very sturdy, moldable, easy to use and can be finished nicely.
• Cons – Expensive, and a slight learning curve
• Notes
  • There are a ton of examples
  • Can be painted with acrylic
  • Sanded with gesso it can have a really nice finish.
  • Talk to me about where to get free samples!
STYRENE & PVC FOAM BOARD

Cosplay Armor | Oni-Con 2013
STYRENE & PVC FOAM BOARD

• Pros – cheaper than Wonderflex and Worbla, Beautiful finishes, can be used with bondo, heat moldable, and can be finished to a high gloss shine.

• Cons – Requires a bit more tools, time consuming, lots of prep and finishing work.

• Notes
  • Sometimes I finish these with body filler for really fine finishes.
  • Can be bought from professional plastic retailers, sometimes free if you ask for scraps.
  • Both materials can be vacuum formed
  • Material thickness considerations
CRAFTING BASICS

- Templates
- Building Armor
- Resin Casting & Gems
- Sanding
- Painting
- Wearing Armor & Harness Making
TEMPLATES

• Pepekura
• Vector / Illustrator
• Tissue Paper / Craft Foam Templates

Cosplay Armor | Oni-Con 2013
BUILDING ARMOR

• Building
• Mold Making
RESIN CASTING & GEMS

Cosplay Armor | Oni-Con 2013
SANDING

• Sanding Basics
  • By Hand
  • With Tools
  • Grit
• Details of a nice finish
• Learning where you limits are, and what you are happy with.
PAINTING & FINISH

• Types of Paint
  • Acrylic
  • Spray Types
  • Automotive / Air Compressor
  • Brands
• Weathering
• Polishing
WEARING ARMOR & HARNESS MAKING
SETUP

• Tools
  • Must haves
  • Nice to have
  • I wish I was you

• Safety
  • Ventilation
  • Masks
  • Gloves etc

• Cost / Expectations
SAMPLES & DEMOS

And now I’ll show you some things…
CREDITS

Shinju Cosplay – Awesome Athena Cosplayer - https://www.facebook.com/shinjusworkshop
God Save the Queen – Beautiful Clare Cosplayer - https://www.facebook.com/gstqfashions
EminenceRain – Magnificent Heathcliff Cosplayer - https://www.facebook.com/Endsong
Kamui Cosplay – Killer Warrior Cosplayer (also awesome Worbla enthusiast) - http://www.kamucosplay.com/
Nicksrandomworld.DeviantArt.com
https://www.facebook.com/GianlucaBiniPhoto & Chris Wolfe
RuffleButt Cosplay – Lovely Alita Cosplayer - https://www.facebook.com/RuffleButtCosplay
Volpin Props – Crazy Skyrim cosplayer, and prop maker - http://www.volpinprops.com/
Lightning Cosplay – Brilliant Diablo cosplayer - https://www.facebook.com/LightningCos
Yaya Han – Elegant Fiora Cosplayer - http://www.yayahan.com/
Space Pizza Cosplay – Thrilling Rwby Cosplayer - https://www.facebook.com/spacepizzacosplay
Sec-C Cosplay – Lovely Presenters! - http://hellosec-c.com/
Foa Cosplay