<page>131v</page>

<image><http://gallica.bnf.fr/ark:/12148/btv1b10500001g/f268.item.r=></image>

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<ab>in a round form to cast it in <m>gold</m> and <m>silver</m>, put only in your wax what you prepare for this effect <del>sino</del> from all these drugs, except casting with melted sulphur, since it is melted &amp; candle smoke. The melted sulphur goes to the bottom and nevertheless leaves its quality in the wax, making it melt readily in the fire &amp; giving it firmness. In this way, you can melt in the fire this roughed out <del>ci</del> figure of wax. But if it is composed of ceruse or similar things, it is necessary that you put your mold in boiling water.</ab>

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For figures of flat wax, there is no need for all this, for the wax releases &amp; does not stay in the <del>la</del> mold.</ab>

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<head>When the cast of <m>tin</m> or <m>lead</m> becomes porous</head>

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If your cast work has become porous, it can be repaired with very hard wax, that you can gilt afterwards with silver or gold. To prevent this, if you cast thin, the alloy of one <ms>℥</ms> <del>d’est</del> of lead for one <ms>lb</ms> of tin is good. But if you cast with lead for a thick thing, one needs for one <ms>lb</ms> of the latter, two <ms>℥</ms> of tin, for the lead being fat &amp; weighty, carries more. From this alloy, I cast a large lizard, as if natural. In thick things, <del>if</del> which keep their heat a long time, if there is little tin, it makes it porous. Your mold must not be cold, but of such a heat that you can handle without harm, or that you can keep your finger in the cast without burning it. It also necessary that your lead or tin be like red.Melt firstly the lead, &amp; then the alloy of tin on top. And as you want to cast, put a piece of resin &amp; then a little looking-glass tin. @If you put into the tin too much lead, it does not run very thin. And to know this, if <del>l</del> the tin shouts loudly, it is a sign there is not enough lead. If it shouts slowly, that means that is there is too much. Take heed</ab>

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You can solder with the <del>l’es</del> same substance, then repair it with the burin, file, <fr>chaple</fr> &amp; similar things.</ab>

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<m>Tin</m> is a metal that penetrates, that becomes porous &amp; burns, and is fanciful to us, more than gold and silver.</ab>

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<m>Lead</m> wants not only to be red, but also lively &amp; runny &amp; liquid as water, which is a sign of its perfect heat &amp; the mold <del>ch</del><del>f</del> is so hot that you suffer with your finger in it. Do not open until it is cooled. It is a sign of a good cast, as much for it as for gold &amp; silver when it exits by the vents.</ab>

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