<page>150r</page>

<image>http://gallica.bnf.fr/ark:/12148/btv1b10500001g/f305.image</image>

<div>

<id>p150r\_1</id>

<head><m>Very strong wax</m></head>

<ab>Mix with this <m>resin</m> and <m>bole</m>, and do not cast it very hot.</ab></div>

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<id>p150r\_2</id>

<head>Various alloys of <m>tin</m> and <m>lead</m></head>

<ab>For hollow things like <al>turtles</al>, <ms>half</ms> <m>fine lead</m> and <ms>half</ms> <m>tin</m>.</ab>

<ab>For flowers, almost all <m>tin</m>, namely a <ms>lb</ms> of <m>fine tin</m> and two <ms><figure>℥</figure></ms> of <m>fine lead</m>.</ab>

<ab>For <al>lizards</al> that are as thick as one or two <ms><bp>fingers</bp></ms>, almost all <m>lead</m>, namely a <ms>lb</ms> of <m>fine lead</m> and 4 <ms><figure>℥</figure></ms> <del><fr>es</fr></del> of <m>fine tin</m>.</ab>

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<div>

<id>p150r\_3</id>

<head><tl>Molds</tl></head>

<ab>They are less subject to cleaving while reheating when they are very thick, rather than when they are of a little thickness, provided that the thickness is sufficient. For when thin, they scarcely need to be <del><fr>recui</fr></del> on the fire, &amp; a long time on the fire makes them corrupt, especially when the <m>plaster</m> is not strong.</ab>

<ab>It is better to reheat a <tl>mold</tl> on its own than several together, because one needs a larger &amp; more violent fire for several than for one. And, <m>glowing charcoal</m> stopping up the space between the <tl>molds</tl>, the heat reverberates from one to the other in such a way that more often you will find your <tl>molds</tl> burst &amp; cleaved open on one side more than another.</ab>

<ab>Therefore reheat your <tl>molds</tl> alone, not making fire there, except to cover it.</ab>

<ab>And because your <m>lead</m> and <m>tin</m> become sour when frequently melted red, to soften it melt it without reddening it and cast in a rod.</ab>

<ab><m>Brick</m> cools the <m>metal</m>, &amp; if this was for giving a bond, it will not be necessary.</ab>

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The reheated <tl>molds</tl> cannot withstand several casts. But those in which one wants to cast only <m>lead</m> or <m>tin</m> <corr><del>and</del></corr> <add>or</add> flat medals, having been only dried, withstand many.</ab>

<ab><margin>left-middle</margin>

<m>Very finely ground iron scales</m> render them very firm &amp; strong.</ab></div>.