

New Features: **HyperGlaze version 10.4**

*Please note that with any new version and there may still be a few interface problems, but it should be stable and very usable. Please let me know if you find issues or annoyances. With version 10.3 **HyperGlaze** changed how the data is stored. This 10.4 version of HyperGlaze fixes a few bugs, and makes HyperGlaze compatible with MacOS 10.5 Catalina. There are only a few additional features added to this initial version of HyperGlaze 10.4 beyond compatibility issues.*

Glaze Picture – One important new feature in version 10.4 is that the user can now drag and drop images of glazes onto the **Glaze Picture** stack. The photo dropped will be moved to the **Glaze Pictures** folder and renamed with the name of the glaze. Be aware that the photo will be moved and renamed, so if you want to keep the original photo you'll want to make a copy of it first. Images should be square (a phone photo is great) or cropped square. Image sizes over about 800 x 800 pixels are okay, but will add excessive file space to your **HyperGlaze Data** folder. Resize the images if you want to save disk space.

Changes introduced to HyperGlaze 10.3 versions:

Multiple recipe databases - Up to five different databases - easy to switch between them. There is just ONE **Materials Data** file that works with all the other glaze databases, and it is in the **HyperGlaze Data** folder that must be in your *Documents* folder. Set the location and names of the folders that hold your multiple recipe databases using **HyperGlaze Preferences**. Once you've done that you can click on the **HyperGlaze Index** or **Glazes** windows and choose a database from the **Go** menu. Name four of these alternative database folders whatever you want to help keep them specific (one must always be **HyperGlaze Data** and be in your *Documents* folder). Keep these alternate databases in any location on your computer or even on Dropbox or iCloud, and perhaps other online storage sites. You can maintain a database online to use at home, studio, school. Future updates to **HyperGlaze** are much simpler - just copy the updated **HyperGlaze** App to your *Applications* folder. This change should also allow iOS and Android versions in the near future.

Databases are portable - move your recipes between computers without having to import/export, and between Macintosh and Windows. Files that needs to be in any alternative **HyperGlaze Data** folders - makes backup easy:

Clay List Data.livecode

Glaze List Data.livecode

Clay Recipe Data.livecode

Glaze Recipe Data.livecode

You can name these alternative data folders whatever you like, for example something to help you remember what they contain, for example: *HyperGlaze School*, or *HG Studio*.

Only one **Glaze Images** folder is needed for all the databases (it's in the **HyperGlaze Data** folder in **Documents**).

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Only one copy of the **Materials Data.livecode** and **Materials List Data.livecode*** is needed for all the databases (again, these are kept in the **HyperGlaze Data** folder in **Documents** on each computer - so back that up, too!).

Save button: the app is now a 'reader' for the databases, so there is a **Save** button that lights up after any changes are made to a recipe or analysis. Choosing **Save** in the **File** menu (Cmd S on Mac) does the same thing as clicking the **Save** button and saves all data stacks at once. Alerts pop up if the user tries to go to a new recipe card or change databases without saving. Anytime you change anything on a recipe or recalculate you'll be reminded to Save.

Complex Search by UMF for glazes that have a minimum mole amount of any oxide, or thermal expansion, or Si:Al ratio or all three. Mark glazes you want to test.

***Materials List Data.livecode** is a new file added with HyperGlaze 10.3.0.2 - copy it to your **HyperGlaze Data** folder from the update download if it's not there!

A new **Preferences.livecode** file that offers another printing format for glaze recipes that prints the percentage recipe along with a 5000 gram and 8000 gram recipe for easy use in the studio mixing a half or whole five gallon bucket batch of glaze. This is nice to use to print shop glaze books. If you want to print with your own chosen batch size, that format is still available and can be selected in **Preferences** in the **Glazes** tab.

Copy and Paste Glaze Recipes - Copy a recipe as text with or without comments and paste it into your **HyperGlaze** database. No typing errors!

Or copy recipes with simple formats like this from text files or websites and paste:

```
Glossy #3 Clear C6
Custer potash feldspar    40.00
Gerstley borate          18.00
Whiting                   16.00
EPK                       10.00
Flint                     16.00
TOTALS:                   100
Comments:
Can be runny.
```

Copy and paste for recipes also works with the amounts given to the left of the ingredient name. It's pretty smart about recognizing the format of glaze recipes, but not perfect. Give it a try. For websites like glazy.org, don't copy the glaze name or more than the ingredient list - just paste the ingredient list and type in the name and cone number.

Moving recipes from your older version of HyperGlaze to version 10.3 or 10.4:

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Use the ***HyperGlazeExporter*** app to export all the recipes and materials data from your old copy of HyperGlaze, then import them into HyperGlaze 10.3 - See the Updating Instructions file.

The import/export format is still the same in this version.

New in HyperGlaze 10.3.0.7 and later

The ***Glaze Limits Editor*** is now available again, along with the ability to create your own custom glaze limits either from scratch, or by calculating limits from a group of glaze recipes that you've marked using *Complex Search* in *HyperGlaze*. You can install these Custom Limits into the *Glaze Limits* card pop-up menu, and also delete unwanted glaze limits. These custom glaze limits are stored in the ***HyperGlaze Data*** folder.

****If updating to 10.3.0.10** from earlier 10.3 versions copy the new ***Preferences.livecode*** file from the update to your ***HyperGlaze Data*** folder in your *Documents* folder (replace the old ***Preferences.livecode*** with the 10.3.0.10 and newer version of ***Preferences.livecode***) See the "New Files - read instructions" folder in the update download.