**CGS - This is a Material List put together by three leading UK casters -**

**Colin Reid, Angela Jarman and Joseph Harrington.**

Please note this is for information, we do not guarantee any equipment or products.

(Some information is repeated)

**COLIN REID**

* Wax: PothHille 01708 526828 Modelling Wax 2 code 8351
* Plaster/quartz: Milton Bridge Ceramics, Stoke on Trent 01782 274229
* IMS refractories. Fibre paper, HT bricks 01384 270761
* Banas glass: <https://www.banasglass.com/en/>
* Notcutts 01483223311 silicone and gelflex
* DK Holdings: <https://www.dk-holdings.co.uk/> diamond discs, diamond tools, air tools etc
* <https://www.hisglassworks.com/> polish and diamond discs, machinery and lots more
* Sealey tools: <https://www.sealey.co.uk/> automotive air tools; die grinder; angle grinder.
* Vetro: <https://www.vetrotooling.com/> cerium etc.
* Garmur Abrasives: <http://www.garmurfutureabrasives.co.uk/> silicone carbide and aluminium oxide
* B&H Services: <http://www.bandhservices.co.uk/> diamond burrs
* Univar or Creative Glass Guild for epoxy DP105

**ANGELA JARMAN**

**Machinery:**

* Sandblaster: [www.guyson.co.uk](http://www.guyson.co.uk). Also find on ebay occasionally
* Compressor: lots of suppliers including Machine Mart, ebay etc.
* Flatbed: mine is made by John Pavitt Engineers Ltd. but they are available from Warm Glass, Kiln Care, Creative Glass Guild.
* Air Tool: mine is a Quick Q-6R from [www.dk-holdings.co.uk](http://www.dk-holdings.co.uk)

(If you run an airtool you also need an oil mist lubricator)

* Rociprolap: [www.covington-engineering.com](http://www.covington-engineering.com)
* Linisherand belts: [www.covington-engineering.com](http://www.covington-engineering.com)
* Flexidrive (pendant drill): [www.bandhservices.co.uk](http://www.bandhservices.co.uk) also [www.tiranti.co.uk](http://www.tiranti.co.uk)

**Supplies:**

* Long gauntlet gloves for sandblaster: toolstation, screwfix etc.
* Burrs for flexidrive : [www.bandhservices.co.uk](http://www.bandhservices.co.uk)
* Diamond hand pads and files: [www.dk-holdings.co.uk](http://www.dk-holdings.co.uk) [www.glassworksservices.co.uk](http://www.glassworksservices.co.uk) [www.tiranti.co.uk](http://www.tiranti.co.uk)
* Diamond coated escapement files: [www.bandhservices.co.uk](http://www.bandhservices.co.uk)
* Grits: for sandblasting, flatbed grinding, rociprolapping, hand lapping.

The usual sequence is 80,120,220,360,600, then onto pumice for polishing then finally cerium.

[www.glassworksservices.co.uk](http://www.glassworksservices.co.uk) do a whole range in small quantities, it doesn’t matter if it’s aluminium oxide or silicone carbide.

* [www.dk-holdings.co.uk](http://www.dk-holdings.co.uk) also sells cerium.
* Disks for an airtool: [www.dk-holdings.co.uk](http://www.dk-holdings.co.uk). I prefer Dia-Sol, Dia-Roc and Dia-Dot in QRS backing (Velcro).

([www.hisglassworks.com](http://www.hisglassworks.com) supplies everything and has good instructional videos to watch).

**Miscellaneous:**

* Glass etch cream – [www.fredaldous.co.uk](http://www.fredaldous.co.uk)
* Gilding supplies – [www.cornelissen.com](http://www.cornelissen.com) [www.stuartstevenson.co.uk](http://www.stuartstevenson.co.uk)
* Chinagraph pencils – Topps tiles
* Foam mats for working on – camping sleep mats, Blacks, Cotswold’s etc.
* Black plastic trays to work in – seed trays from garden centres, B&Q etc.
* Waterproof apron – [www.nisbets.co.uk](http://www.nisbets.co.uk)

**Supplies List for Wonderful Wax:**

* Wax microcrystalline - [www.tiranti.co.uk](http://www.tiranti.co.uk)
* Modelling wax type ‘B’ brown - [www.tiranti.co.uk](http://www.tiranti.co.uk)
* Wax dye - [www.tiranti.co.uk](http://www.tiranti.co.uk)
* Melting hotplate - [www.argos.co.uk](http://www.argos.co.uk) look under ‘camping hotplate
* Saucepans, gravy boats, ladles - charity shops
* Silicone - [www.tiranti.co.uk](http://www.tiranti.co.uk) T28 T20 or [www.notcutt.co.uk](http://www.notcutt.co.uk) Silastic RTV-3481 base
* Catalyst very fast catalyst - [www.notcutt.co.uk](http://www.notcutt.co.uk)
* Thixotropic additive - [www.notcutt.co.uk](http://www.notcutt.co.uk)
* Digital kitchen scales - [www.amazon.co.uk](http://www.amazon.co.uk)
* Gelflexsold as Vinamold soft (natural)- [www.tiranti.co.uk](http://www.tiranti.co.uk)
* Alginate - [www.dentalsky.com](http://www.dentalsky.com) or [www.tiranti.co.uk](http://www.tiranti.co.uk)
* Blowlamp - [www.screwfix.co.uk](http://www.screwfix.co.uk) or B&Q
* Modelling tools we used –hardwood modelling tools, metal kidneys and new series steel modelling tools ‘K’ and ‘O’ all from [www.tiranti.co.uk](http://www.tiranti.co.uk)
* Builders trowel for flatting wax - [www.screwfix.co.uk](http://www.screwfix.co.uk) or B&Q
* Electric Teppanyaki grill for flatting and removing wax - [www.amazon.co.uk](http://www.amazon.co.uk)
* Plaster potters plaster- [www.glassworksservices.co.uk](http://www.glassworksservices.co.uk) or [www.tiranti.co.uk](http://www.tiranti.co.uk)
* Flint - [www.glassworksservices.co.uk](http://www.glassworksservices.co.uk)
* Glass fibre 12mm chopped strand - [www.thefibreglassshop.co.uk](http://www.thefibreglassshop.co.uk)
* Clamps - [www.screwfix.co.uk](http://www.screwfix.co.uk) or B&Q
* Boards white conti board, shelf lengths, cut into pair - B&Q
* Clay - [www.glassworksservices.co.uk](http://www.glassworksservices.co.uk) or [www.potterycrafts.co.uk](http://www.potterycrafts.co.uk)
* Waterproof apron – [www.nisbets.co.uk](http://www.nisbets.co.uk)
* Respirator - [www.screwfix.co.uk](http://www.screwfix.co.uk) or [www.tiranti.co.uk](http://www.tiranti.co.uk)
* Cottling plastic flexible plastic sheet - signmakers supplies or art colleges ?
* Steamer wallpaper steamer - [www.screwfix.co.uk](http://www.screwfix.co.uk)
* Diamond core drill - Tile Mate Pro Drill Bit 32mm [www.toppstiles.co.uk](http://www.toppstiles.co.uk)
* Terracotta plant pots - garden centres
* Glass lead crystal - [www.gaffer.co.uk](http://www.gaffer.co.uk)
* Kiln - [www.potterycrafts.co.uk](http://www.potterycrafts.co.uk) or [www.kilncare.co.uk](http://www.kilncare.co.uk)

**JOSEPH HARRINGTON**

**Warm Glass UK**
Tel: +44 (0)1934 863344, [www.warm-glass.co.uk](http://www.warm-glass.co.uk)
Glass, Tools

**Glass Studio Supplies**

Unit 6 Tabrums Farm, Tabrums Lane Battlesbridge, Essex, SS11 7QX

[www.glassstudiosupplies.co.uk](http://www.glassstudiosupplies.co.uk)

*Bullseye Glass*

**Glassworks Services Limited**Unit 7 & 8, Broomhouse Lane Industrial Estate

New Edlington, Doncaster, South Yorkshire, DN12 1EQ

*Grits, Pumice*.

## **DK Holdings Ltd**

Station Approach, Staplehurst, Kent TN12 0QN
*Grinding Pads, Diamond Pads*

###### **His Glassworks, Inc.**

2000 Riverside Drive, Suite 19, Asheville, North Carolina 28804  USA

*Grinding Pads*

**Notcutt**

<http://www.notcutt.co.uk>

*Jesmonite,Silicon, Resin*

**Industrial Plasters**

<http://www.industrialplasters.com/>

*Moulding supplies*

**Bentley Advanced Materials**Unit 2, Fiveways Business Centre, Aspen Way, Feltham, UK TW13 7AQ
<https://www.benam.co.uk/products/silicone/>

Specialist silicone, resin and foam