

BATT™ and DIASTIK™- User's Instructions **Information from Gearloose**

THE BATTSTIK™ Oxide Polish Charging Stick.

The BATTSTIK™ was developed to reduce the mess and waste we all experienced with oxide slurries.



This became even more important when the Darkside™ laps came into common acceptance, because everyone learned they require VERY LITTLE oxide polish! If too much oxide polish is used, it can pile up and cause scratching.

One benefit of the BATTSTIK's is they train people not to use too much oxides. Some forum writers are joking about leaving the leftover from their pound of cerium oxide to local faceting guilds in their wills.

The BATTSTIK™ resembles a crayon, except it is water soluble. They should be stored in cool, dry places. A car trunk in Summer is not a good idea, as with any other "crayon".

The new DIASTIK™ extends the stick idea to diamond polishing.

- 1: Packaged in a self-dispensing tube.
- 2: Contains potent boundary layer lubricants.
- 3: Very cool-cutting and economical to use. A tiny touch does it.

USAGE - BATTSTIK:

Touch the BATTSTIK™ to the lap, move outward to flowmelt the water soluble base, forming a thin uniform film on the lap. Turn on a SLOW water drip or light mist, creating a slurry film right on the lap. Reduces waste and mess!

Offered in Alumina A (white), Cerium Oxide ("pink"), Chrome (green) and Zirconia (NEW).

Alumina A and Cerium are already very popular polishes but Chrome has tended to go out of favour despite excellent results on some gems because of the "mess factor". Now we have a non-messy formulation so you can try Chrome without turning everything green.

Chrome oxide even polishes the quartzes well - a little more aggressive than Cerium Oxide. Now we have a way of addressing the worst of the messiness of chrome oxide, and samples sent out to cutters have resulted in good comments for quartzes, garnets and tourmalines. Of course, the Cab

and Jade cutters already know about this polish. The only negative report I had is that it seems to be slow on Spinel.

NEW: Zirconium Oxide is the new addition to the range and is a highly specific polish for Quartz although excellent results have also been reported for peridot, beryl and opal.

The Battstiks can be used on the Darkside polishing lap or used to boost the "Just Add Water" laps for faster action - ie. use the Chrome Stik on the Greenway or the Zirconia Stik on the Creamway laps for a "boost".

USAGE - DIASTIK:



A Shop Test - from trimsaw to polish:
This IS a good saw..100 concentration, continuous bronze rim, 320 Grit.

To begin:



Charging LIGHTLY with the DIASTIK™, 60K Grit size:

The spirals smooth and burnish immediately upon polishing: 40 Seconds at 600 RPM

GENERAL SAFETY NOTE:

The non-toxic BATTSTIK™ base is used in skin-contact formulations such as body paints, as well as shampoos.

Some of its components are chemically related to a common Colonoscopy Prep, so if some is eaten, one should cancel social engagements for that day - you will probably be busy ;-)

Chromium Oxide is reported to be an eye irritant. I have not noticed, myself, but I wear glasses when I cut.

Generally, the use of a solid formulation rather than a powder is a good idea for dust reduction.

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Please see <http://www.battlap.com/diastik.html>
for a full description of polishing corundum using Darkside and DIASTIK.