Oil on stock diamond stones... your thoughts?

Posted by razoredgeknives - 20 Jun 2012 23:13

---

so I just noticed that a few sets of my stock diamond stones (400/600, 800/1000) had rust spots on them! didn't think I put them away wet since I always lay them out on a towel to air dry. anyway, i was just wondering what you guys think about putting a very little amount of oil on each stone and rubbing it in? I'm not talking about an abundance of oil like on normal stones... just enough to keep it from rusting. and just to let you know, I already did this to the listed stones (with weapon shield clp oil) ... they look fine but ill try to report back. I. normally just jump right into stuff and it costs me later but oh well lol.

==========

Re: Oil on stock diamond stones... your thoughts?

Posted by BassLakeDan - 23 Jun 2012 00:09

---

mark76 wrote:

... wouldn't it be better to let it rust away? The debris just fills the space between the diamonds, which makes the plates less effective, I'd guess.

You might be on to something there, that is an unconventional but very interesting idea. I once made a post in another topic thread about the possibility of cleaning ceramic stones with acids, which is the same methodology, whereby you use reduction chemistry to your favor (eat the 'bad stuff' and leave the good). Such an approach is safe with ceramics but there is danger here with the steel base.

==========

Re: Oil on stock diamond stones... your thoughts?

Posted by mark76 - 24 Jun 2012 12:54

BassLakeDan wrote:

You might be on to something there, that is an unconventional but very interesting idea. I once made a post in another topic thread about the possibility of cleaning ceramic stones with acids, which is the same methodology, whereby you use reduction chemistry to your favor (eat the 'bad stuff' and leave the good). Such an approach is safe with ceramics but there is danger here with the steel base.

Yes, that inspired me. Soon after your post I ordered some oxalic acid (apparently also the/an active ingredient in Bartender's cleaning stuff), which came in the form of crystals that should be dissolved in water. It did... nothing. Then I did a PH test on various solutions and the stuff had a PH of... 7! So apparently not (oxalic) acidic. Then I got into an argument with the supplier of the stuff and after having been called names (my first experience in this with a webshop) I managed to get my money back.

That was my attempt to obtain an acid for cleaning ceramics. Any ideas for other places where I might be able to obtain an acid that may helps in cleaning ceramics? Where I live this is quite restricted and I had no luck at drug stores or pharmacists.

==========

Re: Oil on stock diamond stones... your thoughts?

Posted by BassLakeDan - 24 Jun 2012 23:38

_____

mark76 wrote:

..

That was my attempt to obtain an acid for cleaning ceramics. Any ideas for other places where I might be able to obtain an acid that may helps in cleaning ceramics? Where I live this is quite restricted and I had no luck at drug stores or pharmacists.

humm.. I thought several suggestions was made in the thread at :Link here::

since it is late here tonight and I am lazy anyway.. I will just requote from there, with the additional information that I did try using distilled white vinegar in a crock pot and it took almost 36hrs (!) to clean a dirty Spyderco Ultrafine.. so battery acid would be a bettery way to go, BUT be very careful, it is very poisionous and the fumes can be explosive and hazardous. That was the reason that I never responded further to the thread nor did I add any details. Chemistry is not for everyone

Here is some from the original thread if you missed it:.

"So acids are the ticket really for ceramics. Around the house you can find a ready source of H2SO4 in any lead acid flooded battery. Consult your local auto repair shop for a sample. Samples of other, much milder acids, like Oxalic Acid can usually be found in the formulations for espresso coffee machine cleaners. Sources of other mild household available acids would be distilled vinegar which is a source of Acetic Acid. It might be interesting to try an experiment with my dirty ceramics featured in the previous post. I will soak them overnight in a hot crock-pot slow cooker filled with some distilled vinegar. These reactions are accelerated by heat, so therefore the hot crock would be a good idea with the mild vinegar: (caution: never heat H2SO4 and attempt any of these experiments, results can be violent and dangerous!) "

==========