

Re: That brown glue stuff

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- *From:* "N_Cook" <diverse@xxxxxxxx>
 - *Date:* Wed, 16 Jul 2008 08:03:28 +0100
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junebug1701 <junebug1701@xxxxxxxx> wrote in message
news:2d49cf7e-3e04-4ef6-9f06-2ce655e2ab68@xx

On Jul 13, 8:42 am, "N_Cook" <dive...@xxxxxxxx> wrote:

Used for fixing otherwise floppy bits to boards.
Is it hygroscopic ? whatever the word is, but pulls dampness out of the

air.

Beocenter 4000 from 1985 with the LC7815 (not V reg) electronic 2 pole 4

way

switch, internally locked into Aux only input, so disabling everything

else.

0.7 inch pitch 28 pin DIP but now removed and replacement available.
Affected input was on one side of the IC and some of this shitty brown

stuff

on the other.

Nigel, from my experience this brown glue eventually turns dark brown, and when it does it becomes conductive. I have found it difficult to remove. A plastic serrated knife like you might find in a take-away food box works well and is soft enough not to damage the traces on the board. I really hate that glue.

James

On first sighting of this latest case, I tested the glue and it was more than 30 Megs , just retested a bit and over 500 megs.

I suspect the plain gummy petroleum glue is ok over time, but it is a

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problem with a filler/bulking agent used. I agree it goes brown with age, perhaps it is something like corn flour or vegetative starch as filler. I doubt a mineral like talcum or French chalk, as a filler, would go this very dark brown or be a problem. The recent failure was due to corrosion localised to where this glue had glooped over a few pins. Those pins looked ok but after removal I could see corrosion and one of the pins, without the pcb support, has almost sheared off due to the underlying corrosion.

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