

Subject: [c-a] Epoxy!!??

Date: Sat, 22 Jan 2000 04:30:06 -0500

From: "Hunter, Gary GA SCC" <GH334766@MSXSCC.SHELL.COM>

To: Canard - Aviators <canard-aviators@canard.com>

[The Canard Aviators's Mailing list]

> Mike Scovel wrote:

>
> original containers/boxes, never opened. Everything including
> the epoxy has been in cool and dry storage all this time and the Epoxy
> has never been opened. My question is, is any of this material still good
> and my main concern is the epoxy.
>

Considering the age of the kit materials (from the mid 70's) I will guess the resin and curing agents are probably the original RAES and RAEF formulations. If not let me know.

If so, the epoxy resin should be fine - but the hardener is questionable. More than likely, you will find the resin has crystallized - a hazy waxy curd like appearance. There is nothing wrong with it, but you must not use it in this condition. You need to reconstitute it by heating the entire contents in a bucket of hot tap water until it turns completely clear.

Be careful handling the hardeners. Most likely they are packaged in plastic containers. If so, you will probably find they are all drawn-in and collapsed. AND the container is probably very brittle and susceptible to cracking. This is not a good sign and chances are the hardener has undergone some change. Some testing may be required to determine the useability of the curing agents. But, you might be more inclined to simply buy new fresh curing agent. If in fact this is RAES and RAEF hardeners, you can buy them from Composite Polymer Design @ 800-886-0429. These two hardeners have been renamed - RAEF is now called CPD-9377 and RAES is now called CPD-9377 (which now has a blue tint to help differentiate it from the 9376).

If you have any questions, call me directly.

Gary Hunter
Technical Service Representative
EPOXY RESINS TECHNICAL INQUIRY
SHELL CHEMICALS, USA

Toll Free in North America - 800-832-3766
International - 281-544-6600
Facsimile - 281-544-6604
Email - gahunter@shellus.com

-For details on sponsors of this list, copyrights, and how to remove
-yourself from this list, please visit:

<http://www.canard.com/canard-aviator-sponsors.html>

(c) 1997, 1998, 1999 Canard Aviators. support@canard.com