

Subject : New material designations

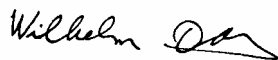
Effectivity : all DG and LS sailplanes and motorgliders

Accomplishment : in case of repair

Reason : Suppliers of Composite materials have changed their product designations or no longer produce their materials.  
This means that not all materials listed in the repair manuals are still available.  
To solve this problem a list of new material designations and alternative materials is published see below.

Bruchsal date initial issue  
28.03.2008

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This service info has been approved by EASA date 23. April 2008 with technical note DG-G-04.  
Approval No. EASA.A.C.09568.

| Type                | existing designation          | new designation                     |
|---------------------|-------------------------------|-------------------------------------|
| carbonfibre rovings | TENAX HTS 5631 1600tex f24000 | Toho Tenax HTS40 F13 24K 1600tex    |
| resin               | MGS L 160                     | Momentive EPIKOTE™ Resin MGS LR 160 |
| hardener            | MGS H 160A                    | EPIKURE™ Curing Agent MGS LH 160A   |
| hardener            | MGS H 163                     | EPIKURE™ Curing Agent MGS LH 163    |
| resin               | MGS L 285                     | Momentive EPIKOTE™ Resin MGS LR 285 |
| hardener            | MGS H 286                     | EPIKURE™ Curing Agent MGS LH 286    |
| hardener            | MGS H 287                     | EPIKURE™ Curing Agent MGS LH 287    |

| Type                            | existing designation          | alternative material                                 |
|---------------------------------|-------------------------------|--|
| carbonfibre rovings             | Sigri NF24                    | Toho Tenax HTS40 F13 24K 1600tex                     |
| carbonfibre rovings             | Toho Tenax HTA 24000          | Toho Tenax HTS40 F13 24K 1600tex                     |
| glasfibre rovings               | EC-10-2400 K 92               | EC 14-2400-P 185                                     |
| resin                           | EPIKOTE 162                   | Momentive EPIKOTE™ Resin MGS LR 285                  |
| hardener                        | EPIKURE 113 (LarominC260)     | EPIKURE™ Curing Agent MGS LH 286                     |
| glue for Plexiglas              | Casco Nobel 1805 Foss Than 2K | Teroson Macroplast UK 8303B60                        |
| hardener for glue for Plexiglas | Casco Nobel 1821 Curing Agent | Teroson Macroplast UK5400 mixing ratio 6:1 by weight |
| Interglas glasfibre fabrics     | with Finish I 550             | with Finish FK 144                                   |
| resin                           | MGS L 285                     | Momentive EPIKOTE™ Resin MGS LR 385 only for CFRP    |
| hardener                        | MGS H 286                     | EPIKURE™ Curing Agent MGS LH 386                     |

| Revision | Date       | Change   | Author   |
|----------|------------|--|----------|
| a        | 3.05.2009  | LR385 / LH386 amendet as alternatve resin/hardener system    | W. Dirks |
| b        | 16.12.2011 | Manufacturer Momentve instead of Hexion, LR385 only for CFRP | W. Dirks |

Revision a approved by EASA date 28. May 2009 together with note of production changes DG-NC-02 with approval no. EASA.A.C.12230.