Description
Epoxy structural tackifier in 400ml spray too be sprayed on fabrics and tools to improve tackiness at room temperature and help operators laying up preforms.

Features
HexBond™ ST1153 is compatible with most epoxy prepregs and epoxy resins curing at 180°C/356°F without any degradation of final mechanical properties. Once the solvent is evaporated, HexBond™ ST1153 sets and is non-tacky. This provides a high-strength "assembly".

Processing
- Spray onto a clean and dried surfaces to increase tackiness
- After spraying, the treated surfaces are immediately placed in the mould
- Carry out the moulding of the composite part according to the cure cycle of the used resin or prepreg - HexBond™ ST1153 needs at least 1 hour at 180°C/356°F to be fully cured
- After use, flush out by turning the container over

Storage Conditions
- Material must be stored below 30°C/86°F
- A shelf life of 12 months at room temperature (≤ 23°C/73°F)
- After long storage, shake before use for a few minutes

Health & Safety
Consider the material safety datasheet before handling.

Important Note
Spraying too much of HexBond™ ST1153 may affect mechanical properties of finished parts. It is the user's responsibility to perform validation trials for each application to make sure the right quantity of HexBond™ ST1153 is sprayed.

For more information
Hexcel is a leading worldwide supplier of composite materials to aerospace and industrial markets. Our comprehensive range includes:

- HexTow® carbon fibers
- HexForce® reinforcements
- HiMax™ multiaxial reinforcements
- HexPly® prepregs
- HexAM™ additive manufacturing
- HexMC® molding compounds
- HexFlow® RTM resins
- HexBond™ adhesives
- HexTool® tooling materials
- HexWeb® honeycombs
- Acousti-Cap® sound attenuating honeycomb
- Engineered core
- Engineered products
- Polyspeed™ laminates

For US quotes, orders and product information call toll-free 1-800-688-7734. For other worldwide sales office telephone numbers and a full address list, please go to:

http://www.hexcel.com/contact/salesoffice

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