

## PRODUCT DESCRIPTION

**VACGrip EG3** is an advanced formula spray adhesive developed for use in Vacuum Infusion & RTM processes. **VACGrip EG3** is a fine mist spray product with high tack and long open time to give users maximum working flexibility and quality results. The primary application for **VACGrip EG3** is the bonding/tacking of a wide range of fiber mats during lay up. **VACGrip EG3** is compatible with polyester, styrene and vinyl ester resins. It has also been successfully tested and used with Epoxy resins. Application specific testing is recommended for Epoxy applications.

## ADVANTAGES

- High Tack
- Long Open Time
- Fine Spray Pattern
- Full resin compatibility

## DIRECTIONS FOR USE

- This product is designed to be applied to two surfaces to be bonded together. Make sure that surfaces are clean, dry and free from dirt, dust, oil, loose paint, wax or grease, etc. For best results, the temperature of the adhesive and the surfaces being bonded should be between 60 °F - 80 °F (16°C - 27 °C).
- Use with adequate ventilation. When possible we recommend shaking the aerosol well before using.
- Prior to use, Check compatibility by spraying a small test patch of the adhesive on the substrate. Spray about 10-20 cm (4" – 8") away at a 90 degree angle to the surface, applying a uniform, even coat of adhesive to obtain 80% to 100% coverage of the surface. If necessary, spray another coat of adhesive in areas that appear to need more adhesive. Spray both surfaces to be bonded, one surface vertically and the other surface horizontally. Allow the adhesive to tack off until no adhesive transfers to the knuckle when touched.
- Adhere surfaces and press together with adequate pressure. A roller is recommended to apply a uniform pressure to achieve maximum strength.

## SPECIAL PRECAUTIONS

For optimum results store canister above 18°C during use, but must always be above 10°C. Allow substrates to acclimatise to normal room temperature (18°C) for 48 hours before bonding. Do not exceed open time of the adhesive. Keep canister off cold concrete floors during use. If adhesive is expelled wet or as a jet, canister is too cold – move to warm environment and allow to thoroughly acclimatise before reusing.

## CAUTION

- Use only in well ventilated areas.
- DO NOT thin or reactivate with solvents.
- DO NOT incinerate.
- DO NOT expose to extreme heat over 50°C.
- Keep away from sources of ignition.
- Test for suitability before use.

MSDS and Technical Data Sheets **MUST** be read and understood before use. Information contained in this technical literature is believed to be accurate and offered in good faith for the benefit of the consumer. The company however cannot assume any liability or risk involved in the use of its chemical products since the conditions of use are beyond our control. Statements concerning the possible use of our products are not intended as recommendations to infringe on any patent. These products are for industrial use only.

## CHEMICAL TECHNICAL DATA

### TYPICAL PROPERTIES

- |                               |  |
|-------------------------------|--|
| • Total Solids:               | 28-30%   |
| • System flammability:        | Adhesive in flammable solvent & propellant     |
| • Shear:                      | Not determined                                 |
| • Tensile:                    | Not determined                                 |
| • Shear adhesion failure temp | Not determined                                 |
| • (SAFT):                     | Not determined                                 |
| • Heat Resistance:            | Not determined                                 |
| • Dry Time:                   | 3-5 mins dependant on temperature and humidity |
| • Open Time:                  | 30 mins  |
| • SHELF LIFE:                 | 18 months from date of manufacture             |

### PACKAGING

- |         |         |
|---------|---------|
| • 500ml | Aerosol |
|---------|---------|

## STORAGE

### HANDLING & STORAGE

- Consult Material Safety Data Sheet prior to use.
- Do Not store at temperatures over 50°C.
- Avoid exposure to direct sunlight.
- Do Not store directly on concrete floor.
- For optimum performance, store at 18°C during use, but must always be above 10°C.
- Always test product to determine suitability for your particular application prior to use in production.

DISCLAIMER OF WARRANTY: The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.