

Technical Data Sheet

Date:

March 2021

Product Name:

Windscreen Repair Resin

Synonyms and Trade Name:

WSR Resin

Product Range:

Part numbers UV2ML, UV5ML,
UV10ML, UV20ML, UV50ML



Esprit Windscreen Repair resin is a UV activated repair resin used for the repair of breaks, cracks and chips in glass, primarily laminated motor vehicle screens, including cars, busses, trucks and HGVs. The resin is thin and will fill even hairline cracks and then, once activated with the appropriate UV LED lamp, will render the screen clear and strong.

Used with the Esprit repair systems, the repair resin has proven performance against the criteria set out in BS AU 215 where repaired screens face the same tests as a new windscreen (EC R43) testing the strength, optical clarity and light refraction (among other tests). When used with the Esprit Windscreen Repair system of displacement technology, the resin will give the repairer a repaired windscreen which is clear to the naked eye and also clear and as strong as a new screen under test conditions.

Esprit repair resin is available in a number of different size bottles, from 2ml to 50ml. The resin should be used in conjunction with the safety information as shown in the MSDS, and the relevant protective equipment should be used.

Features and Benefits

- Resin repairs to the strength of a new screen when used in conjunction with the Esprit Windscreen Repair Kit
- Restores clarity and strength to windscreens
- Repairs pass MOT when used in conjunction with the Esprit Windscreen Repair Kit
- Resin is thin and therefore seeks out cracks to fill, ensuring a total repair, including cracks not visible to the naked eye
- Available in different sized bottles to suit customer needs
- Bottle will not leak even when inverted

- Comes with measuring syringe to ensure correct dosage
- Tiny amount (0.2ml) needed per repair
- Suitable for all types of chip and crack
- Used by customers around the world and in all climates and conditions

Application and Uses

- Resin should be used in conjunction with Esprit Windscreen Repair Kit and manufacturers guidelines and training should be followed
- Resin should only be cured with a lamp of the specific UV range specified by the manufacturer to ensure proper curing and bonding
- Resin should be used with the Esprit displacement vacuum and pressure system, ensuring that resin is pushed into all cracks around the break
- Resin should be measured and injected using the syringe and injector included with the Esprit Windscreen Repair Kit

Properties

Flash Point	101°C
Boiling Point	N/A
Appearance	Transparent and colourless
Odour	Characteristic

Storage

Protect from light, heat and flames. Do not decant into any other container. Store locked up with lid tightly sealed in a dry and well ventilated place.

Precautions

This product is capable of producing adverse health effects ranging from minor skin irritations to serious systemic effects. None of these materials should be used, stored or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheet for this product have been read and understood by all persons who will work with this material.

Warranty

All products purchased from or supplied by Esprit are subject to terms and conditions set out in the contract. Esprit warrants only that its products meet the specifications designated as such herein, or in other publications. All information supplied is considered accurate but is furnished upon the express condition. The customer shall make its own assessment to determine the product's suitability for a particular purpose. Esprit makes no other warranty, either expressed or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or products will not infringe any patent.