



Having problems with cleaning and maintaining your bonding system ? No problem ! Now there's DR KLEAN, the first "turnkey" kit for maintaining your hot melt adhesive applicator, launched on the market by the EDUCATION Division of PREO SRL. The kit is made up of materials of the highest quality and comes complete with: 1 x 5 lit jerry can of Olio Ecocleaner 96 - 1 instruction manual - 1 pair of safety glasses - 3 protective masks - 1 pair of scald proof gloves - 10 cotton swabs - 3 cleaning sticks.

INSTRUCTION MANUAL

A complete, multi-language manual provides step-by-step instructions that are complete and precise, covering every phase of cleaning the bonding system.

ECOCLEANER 96 ECOLOGICAL OIL

This is an ecological, clear, colourless oil that is ready for use, not dangerous and easy to use. It is insoluble in water, does not cause a chemical reaction with other materials, and does not cause corrosion. It is suitable for solving problems with detaching encrustation and carbonised residues from applicator tanks, and makes it possible to achieve excellent results even with polyamide, or polyurethane hot melt products. When covered with a thin layer of oil, surfaces acquire a non-stick property, which increases the flow of the adhesive over the walls of the tank and in the entire system. Its purity and the fact that its technical characteristics remain unaltered after being used a number of times, make this product unbeatable in cleaning operations and prevents plants from getting gouged and scratched. Ecocleaner 96 protects the environment and people as it does not produce bothersome or harmful emissions during use.

DISPOSABLE STICKS

These are able to withstand high temperatures and are recommended for cleaning the tank as they do not transmit the heat to the handgrip. At the end they have a 30° angle to make it easy to clean even difficult to reach parts of the tank without damaging the internal coating.

SCALD PROOF GLOVES

These are able to withstand high temperatures and provide excellent thermal protection up to 350°C. Especially recommended for service operations, their ergonomic shape allow an excellent grip on the parts to be handled.

SAFETY GLASSES AND MASKS

As an addition to the safety kit, special safety glasses and masks are available that are designed to guarantee sure protection against fumes produced during routine maintenance operations.

DISPOSABLE SWABS

Used along with the sticks and the Ecocleaner 96 Ecological Oil, these white cotton disposable swabs that are highly absorbent are very useful during the various stages of removing adhesive residue in the melting tank, as they do not leave any lint when used.

**TECHNICAL SPECIFICATIONS**

BOX SIZE AND WEIGHT	(W) 46 mm x (H) 26 mm x (D) 26 mm - 7 kg
VISCOSITY AT 25°C	340 MPa
FLASHPOINT	more than 300°C
SOLIDIFICATION POINT	lower than -50°C
WORKING TEMPERATURE	150°C – 180°C
COLOUR	clear
KG/LIT RATIO	1
VAPOURS	none

COMPLIANCE WITH STANDARDS

UNI EN 481	working environment atmosphere
UNI EN 9610	silicone sealants - requirements and tests
EEC STANDARD	1836/93 of 29th June 1993 (and joint management)



TECHNICAL ASSISTANCE SERVICE

We provide customised technical assistance at your plant by highly qualified personnel with response times within 24 hours of the call.

SPARES STORE

Our stores keep spares ready for delivery to meet every need in less than 24 hours both within the country and abroad. The system's reliability and safety can only be preserved by using original Preo spare parts.

PROGRAMMED MAINTENANCE

Specialist, specific, and personalised maintenance guarantees a plant that is always operative and working properly. This service includes: inspecting and checking the efficiency of all the plant's components, routine maintenance tasks, cleaning, and the replacement of parts subject to wear when necessary.

"ALL-INCLUSIVE" HIRE FORMULA

It is possible to choose to hire rather than purchase a complete gluing system, which is cost-effective because, not only does it allow you to contain costs easily and intelligently, but above all it resolves the problem of obsolescence of machinery, allowing you to have modern, checked, and inspected equipment available at all times. It is also possible to have the equipment that is most suitable for each specific need available, in order to be able to deal with any type of need, even occasional, and to deal with any emergencies and work peaks. Specialist technical assistance and maintenance are included in the hire fee. The service is adapted to the client's needs in terms of both duration of contract and the usage needs, along with the addition of any optional services. Finally, it is good to know that the hire fee is completely tax deductible and costs due to reduced productivity caused by technical down-time are definite, clear, and fixed from the outset. Our hire formula is all-inclusive because it includes: installation and start-up by highly specialised technicians, training for your personnel, programmed routine maintenance, a spares kit to keep your production line working efficiently all the time, unlimited highly skilled technical assistance, and technical and commercial consultancy on the use of adhesives and application technologies.

COURTESY SYSTEM SERVICE

If your system needs to be serviced or repaired, it can be sent to the Preo factory and, at a very reasonable additional cost, we guarantee temporary replacement for the entire duration of the repairs, with an equivalent gluing system so that you do not have to stop production.

SPECIALIST CONSULTANCY

A design, consultancy, and optimisation service is available for your applications, provided by our technical, engineering, and commercial staff that are highly reliable and competent and that will guide you through choosing a plant that best suits your needs. The possibility of running tests both on the Client's premises and in our factory means that the applications can be looked at more thoroughly and a safe, reliable, innovative and very high quality product can be provided.

TRAINING COURSES

For Clients that request the same, training courses can be organised both on our premises and at the Client's plant. Our highly qualified staff will see to training operators on technical-productive aspects as well as maintenance and the spares required.