Optimax® UV Medical Device Adhesives

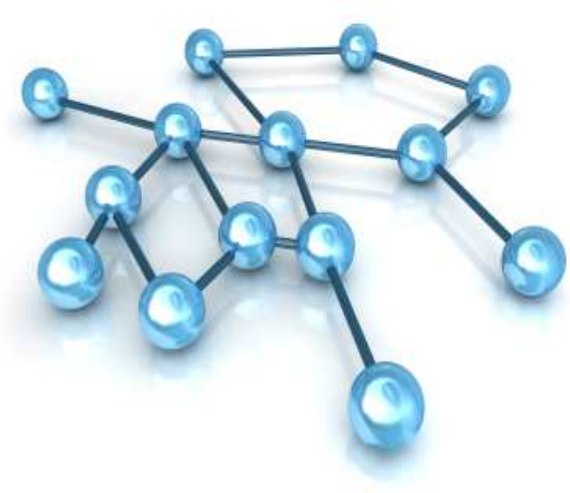
ISO 10993 biocompatible manufacturing medical device UV light curing adhesives

OPTIMAX®

High performance manufacturing adhesives

THE RIGHT CHEMISTRY OF PEOPLE

Our products and innovative resin technology have made us an emerging leader in the industry for a wide range of applications, including aerospace, communications, electronics, industrial and medical uses throughout the world.



THE PROBLEM SOLVERS

Our primary function is to develop and manufacture synthetic polymer materials. From our initial success in UV and epoxy resin products, we have diversified into many other areas, from the production of light curing resin bonding materials to the encapsulation of sensitive microelectronic components.
Our product line is divided into five major categories: potting/encapsulation compounds, UV and cross-link bonding systems, medical and FDA regulated products, multi-cure conformal coatings, and electronic compounds. Novachem provides more than standard line products. We provide variations of these products to suit your individual needs, and custom designed systems that reflect our willingness to adapt existing products and technologies and create new ones.

INNOVATIVE SOLUTIONS

In a rapidly changing technological environment, resin systems are increasingly used wherever creative solutions and technically demanding applications are required. As high technology specialty chemical formulators, Novachem and its suppliers offer problem solving solutions to your problems with practical technical know-how, manufacturing capability, and field service. Our ability to listen, to react quickly with creative support and service, and to provide unique solutions that are cost-effective, worker safe, and reliable are our objectives.

CUSTOM FORMULATING

We are industry leaders in providing design engineering and technical support. We develop customised formulations to meet your specific application requirements. Our technical group will work closely with you to identify criteria for resin systems that will meet your production needs and final product specifications. Our expertise extends to epoxies, urethanes, and multi-functional light curing systems.

ASK OUR PEOPLE FOR ASSISTANCE

Your application of our products is limited only by your own imagination. We have many products that might be suitable, and we provide detailed technical information on each. Our trained personnel are willing and able to help you determine the right product for your specific application. Our business is to supply products, advice and expertise to all our customers. For more information contact us directly.

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UV Cured Medical Device Adhesives

We offer a full line of critical application, ISO-10993/USP Class VI approved resin systems widely used in the development and production of medical devices and other regulated products. These one component, cure-on-demand systems are designed to meet the most demanding requirements as bonding agents, moisture/chemical barriers and encapsulants.

Our resin systems are used by manufacturers of medical devices, catheters, hearing aids and biomedical instruments. We are one of the few companies offering a proven group of resin systems in this field tested to meet both ISO 10993 biocompatibility and USP Class VI.

UV Cured Medical Device Adhesives

Optimax	Description	Applications	Substrates	Viscosity cps	Shore
921-M	Suitable for use in the manufacture of a range of disposable medical devices. Needle Bonding. Reservoirs. Transducer Assembly.	Needle bonding, Reservoirs, Transducers	PC, PVC, PU, ABS, Stainless steel, Powder coated steel, Glass.	4000	D 59
8962	Specifically designed for needle bonding applications. This product fluoresces for in-line inspection. Autoclave resistant.	Needle bonding. Autoclave resistant.	PP, PE, Stainless Steel, PC	300	D 45
9970	Suitable for a wide range of applications including bonding hypodermic needles into hubs. Excellent adhesion to thermoplastic's and steel. This product fluoresces for in-line inspection.	Hypodermic needles, Multiple manufacturing applications	Engineered plastics, metals, stainless steel	600	D 77
9912	Suitable for the manufacture of face masks, tube sets and fittings, breathing circuits, resuscitator bags and a wide range of medical devices. This product fluoresces for in-line inspection.	Face masks, Tube sets, Breathing circuits, Resuscitator bags	PC, PVC, PUR, PS, PETG, ABS	1250	D 63
9915-CTH	Flexible catheter bonding adhesive.	Catheter assemblies	PC, PVC, PE, Stainless steel	14500	A 45
9950	Suitable for intravenous tube sets, oxygenators, reservoirs, diagnostics electronics, etc. Excellent adhesion to polycarbonates and rigid PVC. This product fluoresces for in-line inspection.	Tube sets, Oxygenators, reservoirs, Butterfly sets, Masks, Medical electronics	PC, PVC, PUR, PS, PETG, ABS	5000	D 60
9031	Specifically designed for breathing circuits, butterfly sets and masks. Low viscosity with excellent adhesion to plasticised PVC and metals.	Breathing circuits, Masks, Butterfly sets. Multiple manufacturing applications with plasticised substrates	Highly plastisced PVC, PC, PU, PS, PETG	150	D 65
9925	Flexible thermoplastic bonding adhesive. Wide range of manufacturing applications. Autoclave resistant.	Autoclave resistant. Multiple manufacturing applications	Multi	300	D55
8002-LV	Suitable for a range of applications in medical potting, encapsulation and casting.	Multi manufacturing applications	Multi	100	D 80

NovaChem

Innovative Adhesive Formulations

Innovative formulations based on proven chemistries.

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