

北回化學股份有限公司推出的MXBON醫療器材接著劑代表著安全與效能的頂尖水平，通過ISO 10993生物相容性標準測試，確保了無論是手術工具、診斷設備還是其他醫療器材的生產過程中的高度生物相容性與安全性。這些專為醫療設備設計的接著劑系列，不僅符合標準要求，還針對醫療器材的高穩定性、耐腐蝕性和長期持久性等專門需求而設計，為醫療器械生產帶來無與倫比的可靠性。

Cartell Chemical Co., Ltd. proudly presents the MXBON series of medical device adhesives, epitomizing the pinnacle of safety and efficacy with stringent ISO 10993-5 standard tested, ensuring high biocompatibility and safety across various medical environments. These adhesives, specifically engineered for medical equipment, not only meet standard requirements but are also tailored to cater to specific needs such as high stability, corrosion resistance, and long-term durability, bringing unparalleled reliability to the production of medical devices, whether for surgical tools, diagnostic equipment, or any other precision medical apparatus.

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Adhesives Expert

**mxbon®**



**醫療器材接著劑**

**MEDICAL DEVICE ADHESIVES**



## 瞬間膠 **Cyanoacrylate Adhesives**

### 21401M 低黏度 耐121°C高溫 不活化表面

*Low viscosity, resistant to 121°C heat, surface insensitive*

透明無色、快速固化  
適用於大部分的材料接著  
特別是黏著不活化表面與低表面能材料  
通過ISO 10993 生物相容性標準測試

Transparent and colorless, rapid curing.  
Suitable for adhesion of most materials.  
Especially for bonding to insensitive surfaces and low energy surfaces.  
Tested to ISO 10993 biological standards.

### 21416M 中黏度 一般用途 填縫能力

*Medium viscosity, general purpose, seam-filling capabilities*

可用於0.2mm的間隙黏接  
適用於接著粗糙或不規則表面  
特別適用於塑料與橡膠間彼此的接著  
通過ISO 10993 生物相容性標準測試

Can be used for gap bonding of 0.2mm.  
Suitable for bonding rough or irregular surfaces.  
Especially suitable for adhesion between plastic and rubber.  
Tested to ISO 10993 biological standards.

### 22401M 低黏度 耐100°C高溫 不活化表面

*Low viscosity, resistant to 100°C high temperature, surface insensitive*

透明無色、快速固化、低氣味、低白化  
適用於大部分的材料接著  
特別是接著不活化表面與低表面能材料  
通過ISO 10993 生物相容性標準測試

Transparent and colorless, rapid curing, low odor, low blooming.  
Suitable for adhesion of most materials.  
Especially for bonding to insensitive surfaces and low energy surfaces.  
Tested to ISO 10993 biological standards.

### 22403M 中黏度 耐100°C高溫 不活化表面

*Medium viscosity, resistant to 100°C high temperature, surface insensitive*

透明無色、快速固化、高強度、低氣味、低白化  
適用於金屬與塑膠、橡膠彼此的接著  
特別是接著不活化表面與低表面能材料  
通過ISO 10993 生物相容性標準測試

Transparent and colorless, rapid curing, high strength, low odor, low blooming.  
Suitable for the adhesion between metal, plastic, and rubber.  
Especially for bonding to insensitive surfaces and low energy surfaces.  
Tested to ISO 10993 biological standards.

### 22460M 耐100°C高溫 滲透型

*Resistant to 100°C high temperature, penetration type*

透明無色、快速固化、高強度  
適用於組裝後施膠黏接毛細滲透接著  
適用於多孔隙、吸收性能及低表面能材料  
通過ISO 10993 生物相容性標準測試

Transparent and colorless, rapid curing, high strength.  
Suitable for post-assembly application of adhesive for capillary infiltration adhesion.  
Suitable for porous, absorbent, and low surface energy materials.  
Tested to ISO 10993 biological standards.

### 224902M 低黏度 耐100°C高溫 超柔韌型

*Low viscosity, resistant to 100°C high temperature, ultra-flexible*

透明無色、硬度55D  
高密封性、快速固化  
適合接著具高柔韌性醫療裝置  
通過ISO 10993 生物相容性標準測試

Transparent and colorless, shore D 55.  
High sealant properties, rapid curing.  
Suitable for bonding high-flexibility medical devices.  
Tested to ISO 10993 biological standards.

### 22507M 中低黏度 高強度 耐100°C高溫 低氣味 低白化

*Medium to low viscosity, high strength, resistant to 100°C high temperature, low odor, low blooming*

透明無色、密封性佳  
具柔韌性可緩衝基材形變應力  
特別適用TPE熱塑性彈性軟管與硬質塑料固定  
不活化與低表面能材質可達中強度接著  
通過ISO 10993 生物相容性標準測試

Transparent and colorless, with good sealing properties.  
Flexible, able to buffer stress deformation of substrates.  
Particularly suitable for bonding TPE thermoplastic elastomer hoses to rigid plastics.  
Medium-strength bonding achievable with inactive and low surface energy materials.  
Tested to ISO 10993 biological standards.

### 22455M 凝膠狀 耐100°C高溫 填縫能力佳 不活化表面

*Gel-like, resistant to 100°C high temperature, excellent gap filling ability, surface insensitive*

透明無色、高強度  
適用垂直面的接著及填補大間隙  
可用於0.25mm的間隙接著填補  
特別是接著不活化表面與低表面能材料  
通過ISO 10993 生物相容性標準測試

Transparent and colorless, rapid curing, high strength.  
Suitable for vertical applications and filling large gaps.  
Capable of gap-filling and bonding up to 0.25mm.  
Especially for bonding to insensitive surfaces and low energy surfaces.  
Tested to ISO 10993 biological standards.

## 光固化瞬間膠 **UV Cure Cyanoacrylate Adhesive**

### 21443M 中低黏度 光固化瞬間膠

*Medium to low viscosity, light-curing cyanoacrylate adhesive*

透明淡黃色，立即固化表面不沾黏  
光固化與濕氣固化，雙重固化機制  
易施膠，適用於隙縫填補與接著  
特別是接著不活化表面的材料與低表面能材料  
通過ISO 10993 生物相容性標準測試

Transparent light yellow, instantly cures, non-sticky surface.  
Double curing mechanism of light curing and moisture curing.  
Easy to apply for crevice filling and bonding.  
Especially for bonding to insensitive surfaces and low energy surfaces.  
Tested to ISO 10993 biological standards.

### 21446M 中黏度 光固化瞬間膠

*Medium viscosity, light-curing cyanoacrylate adhesive*

透明淡黃色，立即固化表面不沾黏  
光固化與濕氣固化，雙重固化機制  
易施膠，可用於0.15mm的較大間隙接著  
特別是接著不活化表面的材料與低表面能材料  
通過ISO 10993 生物相容性標準測試

Transparent light yellow, instantly cures, non-sticky surface.  
Double curing mechanism of light curing and moisture curing.  
Applicable for bonding larger gaps of 0.15mm.  
Especially for bonding to insensitive surfaces and low energy surfaces.  
Tested to ISO 10993 biological standards.

### 22443M 中低黏度 光固化瞬間膠 低氣味 低白化

*Medium to low viscosity, light-curing cyanoacrylate adhesive, low odor, low blooming*

透明淡黃色，立即固化表面不沾黏  
光固化與濕氣固化，雙重固化機制  
易施膠，適用於隙縫填補與接著  
通過ISO 10993 生物相容性標準測試

Transparent light yellow, instantly cures.  
Double curing mechanism of light curing and moisture curing.  
Suitable for post-assembly application of adhesive for capillary infiltration adhesion.  
Tested to ISO 10993 biological standards.

## 表面處理劑 **Primer**

### 02770M 醫療級 瞬間膠專用表面處理劑/表面改質劑

*Medical Grade Primer/ Surface Modifier for Cyanoacrylate Adhesive*

大幅增加對於困難接著材料的接著強度  
適用於不活化表面的材料與低表面能材料  
適用於多孔性材料、吸水性材料、酸性表面材料  
通過ISO 10993 生物相容性標準測試

Significantly increases the adhesive strength of difficult-to-bond materials.  
Suitable for insensitive surface materials and low surface energy materials.  
Applicable to porous materials, water-absorbent materials, acidic surface materials.  
Tested to ISO 10993 biological standards.

## 紫外線UV膠 **Light Cure Adhesives**

### 41131M 200-400cP UV快速固化 PVC塑膠通用型

*200-400 cP, fast curing by UV, for PVC plastic general purpose*

可柔軟黏接應力敏感材料  
低黏度適合緊密公差得組裝黏接  
特別適用於金屬與軟管或硬質之PVC塑料黏接，如  
一次性醫療器材，也可用於玻璃與陶瓷材料  
通過ISO 10993 生物相容性標準測試

Provides flexible bonds when joining stress-sensitive plastics.  
Low viscosity for the small tolerance components bonding.  
Especially suitable for bonding metal to soft/ hard PVC such as disposable medical equipment, and it can also be used on glass and ceramic materials.  
Tested to ISO 10993 biological standards.

### 41132M 3,500-7,500cP UV快速固化 PVC塑膠通用型

*3,500-7,500 cP, fast curing by UV, for PVC plastic general purpose*

可柔軟黏接應力敏感材料  
有搖變性，方便施膠後避免膠體溢流，中黏度可應用於  
一般間隙填補  
特別適用於金屬與軟管或硬質之PVC塑料黏接，如  
一次性醫療器材，也可用於玻璃與陶瓷材料  
通過ISO 10993 生物相容性標準測試

Provides flexible bonds when joining stress-sensitive plastics.  
Thixotropic and mid-viscosity liquid, avoid overflow after applying and can be used for gaps filling.  
Especially suitable for bonding metal to soft/ hard PVC such as disposable medical equipment, and it can also be used on glass and ceramic materials.  
Tested to ISO 10993 biological standards.

### 41431M 低黏度 UV固化 不鏽鋼&塑膠對應

*Low viscosity, fast curing by UV, for stainless steel and plastic bonding*

適合緊密公差的組裝黏接  
對金屬、塑料、玻璃等多類基材皆可提供優異接著力  
特別適用於不鏽鋼與塑料，且可滿足較小接著面積的  
黏接應用  
通過ISO 10993 生物相容性標準測試

Ideal for precision assemblies with tight tolerances.  
Provides excellent adhesion on a wide range of substrates including metal, plastic, and glass.  
Specifically formulated for stainless steel and plastic bonding, especially effective for applications involving small bonding areas.  
Tested to ISO 10993 biological standards.

