

Cartell Chemical Co., Ltd., established in 1994, is a world-class manufacturer of industrial adhesives, sealants, and specialty chemical products.

Its flagship brand MXBON® delivers high-performance, cost-effective, and reliable solutions for design, manufacturing, assembly, and maintenance across the industrial sector.

MXBON® products are widely used in a broad range of industries, including traditional manufacturing, electronics, electrical engineering, medical equipment, railway transportation, shipbuilding, sports equipment, hand tools, pneumatic tools, 3C electronic products, and the automotive industry.

Cartell Chemical Co., Ltd. ▶
No.18 Cheng Gong Street.
Min-Shyong Industrial Park,
Chia-Yi Hsien, (621) Taiwan.
Tel: +886-5-2203715
Fax: +886-5-2203720
E-mail: sales@mxbon.com



Branch/Authorized Dealer Information

Copyright © Cartell Chemical Co., Ltd. 2026.02



mxbon®

Adhesives Expert



GASKETING SEALANT



14510 Anaerobic, heat resistance

Resistant to high temperatures up to 204°C, excellent solvent and chemical resistance. Applicable to rigid castings, milling surfaces, with a maximum fill gap of 0.25mm. Will not tear or age.



14515 Anaerobic, gap-filling, general-purpose

Rapid curing, high viscosity and suitable for large gap filling. Excellent solvent and chemical resistance, non-corrosive. Applicable to rigid castings, stamped metal parts, with a maximum fill gap of 0.25mm. Will not tear or age.



14518 Anaerobic, gap-filling, surface insensitive

High viscosity and suitable for large gap filling. Excellent solvent and chemical resistance, non-corrosive. Suitable for aluminium alloy materials, rigid castings, and stamped metal parts. Will not tear or age.



14574 Anaerobic, rapid curing

Quick curing, immediate sealing at low pressure. Excellent solvent resistance and chemical resistance. Applicable to rigid castings, stamped metal parts. Will not tear or age.



The MXBON Gasketing Sealant is an instantly forming anaerobic-type flat sealing agent, suitable for various sizes of flange surfaces. It replaces traditional gaskets, thereby reducing inventory costs. Its features encompass a solvent-free composition, high viscosity, pressure resistance, and ease of use. Compared to pre-cut gaskets, its advantages lie in process simplification, reduced defect rates, minimized production chaos, and compatibility with various adhesive methods. This sealant completely fills the contact surface, preventing leaks and corrosion while remaining unaffected by deformation and fatigue-related leakage issues. Furthermore, it eliminates the need to consider gasket thickness, evenly distributing flange pressures, decreasing deformation probabilities, and enhancing surface machining precision. Its broad applicability contributes to lower inventory costs for gaskets of varying sizes.

TIPS of USING

- 1) Clean flange surfaces before application.
- 2) Apply sealant continuously around bolt holes.
- 3) Apply sufficient torque to prevent flange displacement.
- 4) Do not use anaerobic gasket sealant as filler.
- 5) Enhance traditional gaskets by overlaying with anaerobic gasket sealant.



Technical Information

| Item No. | Appearance | Viscosity mPa.s (cP) | Gap performance(mm) | | Working Temp. °C | Cure Speed | | NSF |
|----------|------------|----------------------------------|---------------------|--|---------------------|-------------------|----------------|-----|
| | | | Without Activator | | | Without Activator | With Activator | |
| 14510 | Pink | 40,000–140,000 Thixotropic | 0.25 | | -54°C–204°C | 4–24hrs. | 30min.–4hrs. | ◆ |
| 14515 | Purple | 150,000–375,000 Thixotropic | 0.25 | | -54°C–150°C | 1–12hrs. | 15min.–2hrs. | ◆ |
| 14518 | Red | 500,000–1,000,000 Thixotropic | 0.25 | | -54°C–150°C | 4–24hrs. | 30min.–4hrs. | ◆ |
| 14574 | Orange | 70,000–120,000 Thixotropic | 0.25 | | -54°C–150°C | 1–12hrs. | 15min.–2hrs. | ◆ |

*The content and data within this list are based on the respective Technical Data Sheets (TDS) of each product. Before deciding on the adhesive to use, it is recommended to conduct actual tests to ensure product performance.

Activator Technical Information

| Item No. | Usage | Property | Main Component | On-Part Life | Dry Time | NSF |
|----------|---|--|------------------------------------|--------------|--------------|-----|
| 017090 | For anaerobic adhesives, anaerobic structural adhesives | Formulated for compatibility with MXBON anaerobic adhesives and sealants. Low odor, non-flammable, and non-toxic formulation. Significantly reduces curing time. | Polyethylene Glycol Dimethacrylate | 1 hour | Will not dry | |
| 017649 | For anaerobic adhesives, anaerobic structural adhesives | Anaerobic Adhesive Activator is suitable for all anaerobic adhesives and shortening the fixture time. We can apply it first or spray it later. Typical applications: inactive or plating metal surfaces. | Acetone Heptane | 14 days | ≤ 100 sec | ◆ |