



江戸川合成株式会社

NEWS RELEASE

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EDOGAWA GOSEI CO., LTD.

EDOGAWA GOSEI launches “HARD BARRIER ZERO-ONE HB”

Outstanding Cutting-Oil Resistance with a Single Coat!

2-Part / Acrylic Resin / Room-Temperature Curing

EDOGAWA GOSEI CO., LTD. (Head Office: Saitama, Japan / CEO: Koji Shinohara) has developed and commercially launched “HARD BARRIER ZERO-ONE HB”, a new-generation coating agent that provides high cutting oil resistance with a single coat, using a human- and environmentally-friendly formulation.

The coatings typically used to achieve the oil resistance required by the machine tools used in metal processing consist of two coats (primer + topcoat) produced using two-part curing paints. The HARD BARRIER ZERO-ONE HB requires just a single coat to achieve cutting-oil resistance equivalent to conventional two-coat paints, thus dramatically streamlining coating processes. In addition to improving productivity with reduced work time for painting and coating workers, the product conserves energy and reduces CO₂ and VOC emissions. The paint is ideal for a wide range of surfaces and exhibits excellent adhesion to various materials, including metals and plastics. Offering high masking potential based on a high-solid formulation with increased non-volatile content, it's capable of covering surface scratches and sheet metal blemishes. The product accommodates a broad latitude of color adjustments and can incorporate pigments with metallic and other effects, thus creating diverse surface effects and enhancing the aesthetic appeal of any product. To protect workers, the formulation also minimizes the use of additives known to be strong skin irritants.

HARD BARRIER ZERO-ONE HB is a new-generation coating agent that offers high versatility, extreme toughness, and friendliness both to humans and the environment.

For more details, please refer to the [Product Catalog \(PDF\)](#).

Or, visit us on the web at

<https://www.edog.co.jp/english/paints/onecoat/HB/>



[Product catalog \(PDF\)](#)

With labor shortages and intensifying competition on the global market, productivity has become a key issue for all companies. We take this issue seriously and are making efforts to develop products that improve productivity through simplified coating processes for finished products, shorter work times, and reduced costs through lower paint volumes required for a given process.

Contact information for this product:

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