

## Coating Precautions

1. Do not use the product until you have read the instructions for use provided in the catalogue.
2. Use in UV radiation-protected conditions.
3. Using thinner products other than those specified by our company may impair workability or result in failure to achieve the specified performance.
4. Degrease the surface completely before application.
5. Use thinners as quickly as possible after dilution.

## Expiration Date and Precautions on Storage

1. The expiration date following shipment from our company (before opening) is six months for paint and one year for thinner. Once opened, use the product as quickly as possible.
2. Protect from sunlight and water. Store in a well-ventilated, cool, dark place at temperatures not exceeding 40°C. Store locked up (in a storage designated for hazardous materials).
3. Keep containers tightly sealed. Store in compliance with applicable regulations.
4. Keep out of reach of children.

## Precautions on Safety and Sanitation

### » Precautions on Use

1. Keep face away from the container when opening.
2. Handle with care. Damaged containers pose risk of contamination or fire. Keep containers upright during transportation and storage. Do not place on side or upside down.
3. Do not use in the presence of ignition sources.
4. Install local exhaust ventilation systems in locations where products are handled.
5. Be careful to avoid direct contact between the product and skin during handling. Wear protective gloves, protective clothing, eye protection, and face protection.
6. In case of spills, scatter sand or other inert materials over the spill and collect to dispose.
7. Thoroughly wash hands and rinse mouth and throat after handling.
8. Avoid eating, drinking, or smoking when using this product.

### » First Aid Measures

1. If on skin or in hair, immediately remove all clothing contaminated with paint and wash with plenty of soap and water. Seek medical attention if you feel pain or notice any injuries.
2. If in eyes, rinse with plenty of water. Get immediate medical attention.
3. If inhaled and feeling unwell, remove the person to fresh air and place at rest. Get medical attention, if necessary.
4. If swallowed, get immediate medical attention.

### » Firefighting Measures

1. In case of fire, use fire extinguishing agents or dry sand to extinguish.

### » Disposal

1. Empty the containers completely before disposal.
2. Dispose of contents/containers as industrial waste in accordance with local/regional/national regulations.
3. Dispose of coating materials, coating containers, and coating tools as industrial waste.

### » Other

1. Refer to the product Safety Data Sheet (SDS) for more information.
2. This product is designed for indoor applications. Do not use outdoors or in locations exposed to direct sunlight for extended periods.

Note : The contents of the present catalog are subject to change without notice.

Note : The results of testing on various resistance characteristics are based on our in-house evaluations. They do not constitute a guarantee of product quality or performance.

Note : Unauthorized reproduction or use of the contents, texts, or images in the present catalog is strictly prohibited.

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## UV-curable paint series

# e-UV

UV-curable e-UV Speeda forms an attractive coat that cures remarkably quickly and offers high hardness and superior chemical resistance.

The e-UV series, including the corresponding primers, was developed to meet the key requirements of low pollution, resource consumption, and energy consumption, which together help establish more efficient production systems and realize carbon-neutral processes.



EDOGAWA GOSEI

## Establishing more efficient production systems

## Realizing carbon-neutral processes

Being a manifestation of our slogan “Creative Solutions to Meet Customer Needs,” the “e-UV” series will contribute to increasing your enterprise value.

Labor shortages, cost-cutting pressures, and the performance needed to meet environmental initiatives. The e-UV series was created in response to issues that currently confront the paint and coating industries. We offer paint and coating solutions characterized by improved environmental friendliness, streamlined coating technologies, and the high functionality associated with EDOGAWA GOSEI products.

### Establishing more efficient production systems

#### Super-fast curing

As the name suggests, super-fast curing is the key feature of UV-curable e-UV Speeda. Coatings cure at unprecedented speed: in 1 minute at 60°C and in 2–5 minutes at 40–50°C. This makes it possible to form coats rapidly, which in turn makes it possible to design more compact and high-speed production lines and achieve improved workability and production efficiency; additionally, it cuts waste and reduces the risk of contamination attributable to workplace environments.



### Realizing carbon-neutral processes

#### Reduced CO<sub>2</sub> emissions

UV-curable e-UV Speeda eliminates the need for high temperature heating. This allows use with thermosensitive substrates susceptible to thermal degradation or deterioration, including plastics and paper, which contributes to environmental sustainability due to the effective reduction in CO<sub>2</sub> emissions during drying and curing processes.



### Flexible combination to meet diverse needs

#### After-Sales Service

Designed to meet a broad range of coating needs, the five products in the e-UV series include three UV-curable paints and the two primers\* specialized for these paints—the e-UV Speeda Hard, e-UV Speeda Semi-Hard, and e-UV Speeda Flexible and e-UV Primer for PP and e-UV Primer for PET.

Our reliable aftersales service system enables these products to be customized to your specific purpose, use, and coating conditions. We take pride in announcing that EDOGAWA GOSEI's “High Quality + α” approach can strengthen your corporate value.

\*Also suitable for use as the middle coat



**Balancing improved workability and production efficiency with low pollution, low resource consumption and low energy consumption**  
The e-UV series offers “high-quality + α” added value.

Note : Photos for illustrative purposes only..

Product Lineup

## Products in the UV-curable paint e-UV Speeda series

- → Adhesive possible    ✕ → Adhesion not possible
- → Apply primer for applications requiring adhesion
- △ → Substrate attacks may occur depending on the molding process employed

Name of products	Intended use	Features	Compatible materials				
			ABS	AS	PC	PP	PET
<b>e-UV Speeda Hard</b>	Containers for cosmetic products; Components of amusement park equipment; Automobiles; Stationery, etc	Super-fast curing ; low-temperature curing; high hardness; alcohol resistance; chemical resistance; high leveling properties; and thick, aesthetically appealing results.	○	△	○	□	□
<b>e-UV Speeda Semi-Hard</b>	Containers for cosmetic products; Components of amusement park equipment; Stationery, etc	Super-fast curing; low-temperature curing; high hardness; alcohol resistance; chemical resistance; high leveling properties; High recoatability, especially suited to silk-screening and hot stamping	○	○	○	□	□
<b>e-UV Speeda Flexible</b>	Containers for cosmetic products; Eyeglass frames; Materials requiring coating flexibility, etc	Super-fast curing ; low-temperature curing ; high hardness; alcohol resistance ; chemical resistance ; Preventing the notch effect ; High recoatability, especially suited to silk-screening and hot stamping	○	□	○	□	□

## Products in the specialized e-UV Primer series

Name of products	Intended use	Features	Compatible materials				
			ABS ABS	AS	PC	PP	PET
<b>e-UV Primer for PP</b>	Containers for cosmetic products, etc	Ideal for PP resin products (flame treatment required), compatible with difficult-to-coat materials; forms coatings without compromising the brilliance of metallic or pearl finishes.	○	△	○	○	✕
<b>e-UV Primer for PET</b>	Containers for cosmetic products, etc	Ideal for PET materials; forms coatings that do not interfere with the brilliance of metallic or pearl finishes; toluene- and xylene-free formula.	○	△	△	✕	○

Note : Refer to the catalog for more information on individual products.  
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