

● Table of major applicable regulations and our products

Tecmarker

Category	Temperature zone *1	Product Name	Fire Defense Law (Class 4)	PRTR *2	OPOSP *3	OPHSCS *4
Printing	Medium	PMK	Class 1 petroleum Non-water-soluble liquid	—	Class 2 Organic solvents	—
		PLE	—	Class 1 Designated chemical substance	—	Class 2 Special organic solvents
	Normal	PSE	—	Class 1 Designated chemical substance	—	Class 2 Special organic solvents
Marking	High	HT-W	—	Class 1 Designated chemical substance	—	—
		HT-C	—	—	—	—
	Normal	MSE	—	Class 1 Designated chemical substance	—	Class 2 Special organic solvents
		LSE	—	Class 1 Designated chemical substance	—	Class 2 Special organic solvents

Eco Color

Category	Temperature zone *1	Product Name	Fire Defense Law (Class 4)	PRTR *2	OPOSP *3	OPHSCS *4
Printing	Medium	PMW	Flammable liquids	—	—	—
	High	HT-1000	—	—	—	—
		HT-B	—	—	—	—
Solvent Paint	Normal	PSG	Class 1 petroleum Water-soluble liquid	Class 1 Designated chemical substance	—	—
Marking	Medium	MMW	Flammable liquids	—	—	—
	Normal	MSG	Class 1 petroleum Water-soluble liquid	Class 1 Designated chemical substance	—	—
		LSG	Class 1 petroleum Water-soluble liquid	Class 1 Designated chemical substance	—	—

Data obtained in April 2024. Refer to the safety data sheet (SDS) for the latest information.

*1 Temperature zone for target product. *2 PRTR : Pollutant Release and Transfer Register Law *3 OPOSP : Ordinance on the Prevention of Organic Solvent Poisoning *4 OPHSCS : Ordinance on Prevention of Hazards due to Specified Chemical Substances

● Color Sample*5

PSG					White	Red	Green	Blue																
MSG									White	Red	Peach	Orange	Yellow	Blue	Green	Fluorescent Green *6								
LSG													White	Black	Red	Peach	Orange	Yellow	Light Green	Green	Blue	Purple	Brown	Fluorescent Green *7

*5 It may differ from the actual color. *6 White under visible light, color development by ultraviolet irradiation. *7 Colorless under visible light, color development by ultraviolet irradiation.

The specifications are subject to change for improvement without notice.

Special paint for printing and marking equipment

Tecmarker / Eco Color

MARKTEC Tecmarker/Eco Color product ranges offer a broad lineup of special printing and marking paints suitable for various applications and multi-color designs



Tecmarker

It is a standard paint range developed for use especially with MARKTEC device. It boasts an extensive product lineup to meet its customer's needs.



Eco Color

It is an eco-friendly paint range developed based on MARKTEC exclusive eco concept. It uses environmentally friendly raw materials and offers performance equivalent to that of its conventional products.

Integrated supplier of Non-Destructive Testing and Marking

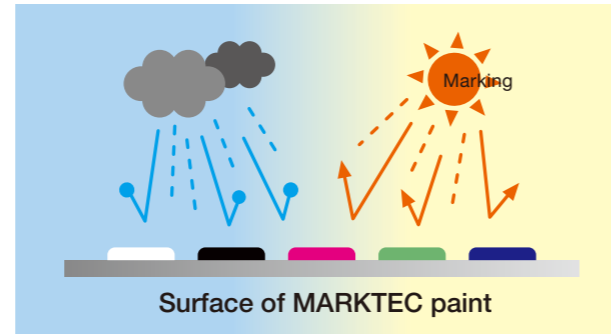
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Features of MARKTEC Paints

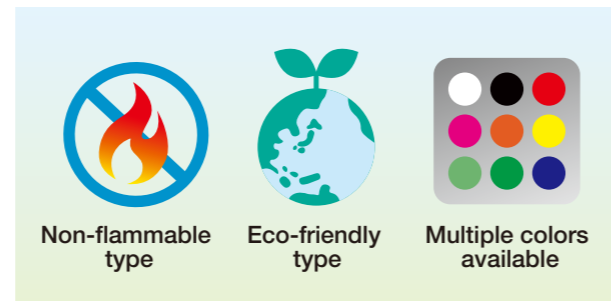
1 Weather-Resistant Paints

MARKTEC paints adopt a pigment base. Compared to dye-based ink, they possess high weather resistance. MARKTEC paints are less susceptible to peeling and deterioration even in harsh environments such as outside.



2 Broad Product Lineup

MARKTEC offers a diverse range of paints because it develops and manufactures all its paints in-house. MARKTEC also proposes paint solutions against customer's problem and suggests the development of new products.



3 All-Round Solutions Including Device

MARKTEC develops, designs, and manufactures printing and marking device customised to its customer's specifications. MARKTEC offers total system solutions, combining device and paints.



Examples of printing and marking

MARKTEC device and paints are currently used together for the following materials and applications.



Tecmarker

Category	Temperature zone *1	Product Name	Features	Colors
Printing	Medium	PMK	Special paint usable with MARKTEC custom-made painting marking system at midium temperature range. Target product temperature : Normal to 300 degree Celsius, Printable under certain conditions. *2	White
		PLE	Choose from three different viscosity types of paint depend on customer requirement.	White
	Normal	PSE	Choose from three different viscosity types of paint depend on customer requirement. Non-flammable paint based on chlorine solvent. Choose from three different viscosity types of paint to suit your needs.	4 Colors
Marking	High	HT-W	Special marking paint that can be used only for MARKTEC high temperature marking device M-30H. Printing on steel surface from 400 to 800 degree Celsius, marking like white chalk. Because it is insoluble, there is no peeling of the paint by water cooling.	White
		HT-C	Special marking paint that can be used only for MARKTEC high temperature marking device M-30H. Printing on steel surface from 200 to 1000 degree Celsius. Paint color will be disappeared by water washing and cooling.	White
	Normal	MSE	Paint for marking. Characteristic is brilliant pastel color.	Std. 8 Colors
		LSE	Paint for marking. Excellent wather resistance and abundant color type.	Std. 12 Colors

Eco Color

Category	Temperature zone *1	Product Name	Features	Colors	
Printing	Medium	PMW	Special paint usable with custom-made medium temperature painting apparatus made by MARKTEC. Sample temperature : Normal to 300, Printable under certain conditions. *2	White	
		High	HT-1000	Special paint(acidic) usable with MARKTEC custom-made painting marking system at high temperature range. *3 Target product temperature : 200 to 1,000 degree Celsius.	White
	HT-B		Special paint(alkaline) usable with MARKTEC custom-made painting marking system at high temperature range. *3 Target product temperature : 200 to 1,000 degree Celsius.	White	
	Solvent Paint	Normal	PSG	Eco-friendly paint using ethyl alcohol as the main solvent. Good drying properties.	Std. 4 Colors
Marking	Water based	Medium	MMW	Eco-friendly marking paint that can be used exclusively with special marking device Sample temperature : Normal to 300	White, Yellow
	Solvent Paint	Normal	MSG	Eco-friendly paint for marking, the main solvent is ethyl alcohol. Characteristic is brilliant pastel color.	Std. 8 Colors
			LSG	Eco-friendly paint for marking, the main solvent is ethyl alcohol. Characteristic is brilliant pastel color. Excellent wather resistance and abundant color type.	Std. 12 Colors

Remover / Lubricant

Product Name		Purpose	Fire Defense Law (Class 4)	PRTR *3	OPOSP *4	OPHSCS *5
Tecmarker Remover	PMK	Remover for PMK.	Class 1 petroleum Non-water-soluble liquid	—	Class 2 Organic solvents	—
Tecmarker Remover	E	Remover for PSE.	—	Class 1 Designated chemical substance	—	Class 2 Special organic solvents
Eco Color Remover	PMW	Remover for PMW (Non-flammable)	—	—	—	—
Eco Color Remover	G	Remover for PMW, MSG, LSG.	Class 1 petroleum Water-soluble liquid	Class 1 Designated chemical substance	—	—
Tecmarker Lubricant	LW	Used for SHOTMARKER M-20S and M-30S.	Class 3 petroleum Water-soluble liquid	Class 1 Designated chemical substance	—	—

Data obtained in April 2024. Refer to the safety data sheet (SDS) for the latest information.

*1 Temperature zone for target product. *2 Two fluid printing method with atmaizing air. *3 PRTR : Pollutant Release and Transfer Register Law *4 OPOSP : Ordinance on the Prevention of Organic Solvent Poisoning *5 OPHSCS : Ordinance on Prevention of Hazards due to Specified Chemical Substances