

TECHNICAL DATA SHEET

M-250 MS BASIC CLEAR

PRODUCT NAME : BASIC CLEAR
PRODUCT CODE : M-250MS
COLOUR : transparent

PRODUCT DESCRIPTION:

- A high-gloss clearcoat suitable for all vehicle refinishing processes, particularly for large-area applications and full-vehicle spraying.
- Easy to apply in hot climate conditions.
- Provides excellent gloss and superior weather resistance.

INGREDIENTS:

Acrylic polyol, additives, organic solvents.

TYPICAL PROPERTIES:

Mixed Ratio (by weight)	: 100 : 50 : (<10)
Solid Content (%)	: 51.5% ± 0.5
Specific Gravity (25°C)	: 0.99 ± 0.05
Storage	: 36 months during 10°C to 30°C
Film Thickness	: 30 – 40 µm
Humidity	: 55 – 85%

APPLICATION METHODS:

Spray Gun

SAFETY:

Refer to Safety Data Sheet before handling or use.

APPLICATIONS DATA:

(1) Mixing ratio (by weight)	M-250MS	100
	H-M250	50
	M50	< 10
(2) Spray Method	Drying Film Thickness (DFT)	30 – 40 µm
	Number of spray coats	2 - 3 coats
	Flash-off time between coats.	10 - 15 min.
	Spray Equipment	SATA, STAR, IWATA, MEJI 1.0 - 1.3
	Drying time for polishing (5-35°C)	3.5 - 4 hours
	Waiting time before baking (5-35°C)	10 - 15 min.
	Baking Condition	70 °C @ 30 min Excluding heat-up time.
	Ambient temperature Condition	10 – 35 °C
	Ambient humidity Condition	55 – 85%
	Pot Life (after mixing hardener)	< 2 hours
(3) Safety, Healthy	Flammable Liquid	Do not expose to heat, sparks or open flame.
	Skin Contact	May cause moderate skin irritation. Avoid prolong contact with skin. Use solvent resistant glove. To remove splashes of paint from skin, use soap and water.
	Eye Contact	Cause severe eye irritation and blurred vision. Safety glasses / goggles with side shields recommended. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	Inhalation	Respiratory irritation. Only used in well ventilated areas. Do not breathe vapor or spray paint. Respirator with organic vapor cartridges recommended.

NOTE:

The information given applies to the product and its performance under specific test conditions. Due to the varied circumstances beyond our control under which the product may be applied, for specific applications, please contact MHM technical.