
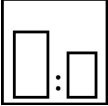








Intended use

High heat-resistant special coating based on silicon resin that is perfectly suitable to be applied on steel substrate like e.g. exhaust systems, ovens, barbecue grills, and so on. Heat resistance up to 1472 °F (800°C).

Spreading rate: 366 - 490 sq.ft /gal. / 9,0 - 12,0 m²/l by 1 mil

General informations

	Colour silver black					
	Mixing ratio	Hardener	by weight (lacquer : hardener)	by volume (lacquer : hardener)		
		--	--	--		
	Hardener	for complete paintwork		for partial paintwork		
		--		--		
	Pot life	--				
	Thinner ready to use					
	Spray viscosity gravity spray gun			Airmix/Airless		
		--		--		
	Application mode	Hardener	pressure (bar)	nozzle (mm)	spray passes	Thinner
	HVLP (low pressure)	--	29 - 36 psi	1,3 - 1,5	2	--
	HVLP (low pressure)	--	2 - 2,5 bar	1,3 - 1,5	2	--
	HVLP / internal nozzle pressure	--	9,8 psi (0,7 bar)	--	--	--
	Flash-off time					
	5 - 8 min. between coats					
	10 - 15 min. before oven drying					
	Dry coat thickness					
	0,6 - 1 mil (15 - 25 µm)					



Drying time

object temperature	dust dry	set to touch	ready for assembly	sandable	recoatable
70 °F (20 °C)	30 - 60 min.	5 h*	24 h	--	--
140 °F (60 °C)	10 - 15 min.	40 - 60 min*	after cooling	--	--

Note

Storage:

In tightly closed original containers at least 3 years shelf life.
Storage temperature range 50 - 86°F (10 - 30 °C)
Protect package from direct sunlight and heat.

VOC Information:

VOC as packaged and applied (ready to use):
less exempt solvents 720 g/l / 6.0 lb/gl
with exempt solvents 720 g/l / 6.0 lb/gl

Always check local VOC laws to ensure that the use of Mipa products is compliant in your area.

Processing conditions:

From 50 °F (+10 °C) and up to 80 % relative air humidity.
Ensure an adequate supply and exhaust air ventilation.

General informations:

*set to touch only to a limited extent, slight chalking possible. A limited resistance to solvents (temporary exposure) is achieved after approx. 1-2 hours at 390 °F / 200°C. Optimal film properties and full chemical and mechanical resistance are obtained after the first exposure to heat (approx. 1 hour at minimum 570 °F / 300 °C). To avoid boiling in case of premature heat exposure, allow long flash-off times. Application by brush or roller is only possible to a limited extent.

Attention! Do not use Mipatherm in a car refinishing spray booth. Paint is based on silicon resin and will create damages (fish eyes) in car refinishing paint.

Tools should be cleaned immediately after use.

Safety aspect:

For professional use only. Not for sale to or use by the general public. Before opening the packages be sure you understand the warning Messages on the Labels and Safety Data Sheets of all components since the mixture will have the hazards of all of its parts. The manufacturer recommends the use of an air supplied Respirator when exposed to vapors or spray mist.

Medical Response:

Emergency Medical or Spill Control Information 011 49(0)700 24112112 (MIP)
US Emergency Phone Number (for transportation incidents only) 1-800-535-5053 (Infotrac)

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