Technical Data Sheet

Meta WAX 101

Revision: July 2026

Product Description

Meta Wax 101 is a solvent-based external release agent for polyurethane foam systems compatible with different types of foams, mainly for rigid, semi-rigid, and flexible. It contains high solid dispersion of waxes in solvents that provides an excellent demoulding effect as well as excellent finishes on the final surface of the foam.

Application Areas

- Suitable for cold cure, rigid, and flexible foams.
- It is recommended to be used with temperatures between 45 to 70 °C.

Benefits

- Superior surface quality
- Low residue
- Low build-up

Processing Conditions

- Stir before and during the use.
- Before starting any trial, the moulds have to be cleaned of any other release agent.
- To condition the molds, apply 3 to 5 coats without pouring.

Packaging, Storage & Handling

The Meta Wax 101 is packed and delivered in Iron drums, 150 kg per drum as a standard pack. It should be kept in properly sealed, moisture-tight containers, and stored indoors in a dry and well-ventilated area at ambient temperature (15-25 ℃). Storage at low temperatures (below 4 ℃) may markedly lead to an increase in the viscosity, and this may cause difficulties in processing. Extended storage at temperatures above 27 (℃) is not recommended to prevent deterioration of the product quality.

Safety

Eye protection, such as chemical splash goggles and/or face shields, must be worn in feasible eye contact due to splashing or spraying liquid, airborne particles, or vapor. Contact lenses must not be worn. Emergency eye-wash fountains and safety showers should be available near any potential exposure. By all means, there is no skin hazard. However, washing hands and other exposed areas with mild soap and water before eating, drinking, smoking, and when leaving work is recommended.

Shelf Life

Under recommended storage conditions, the shelf life of Meta WAX 101 is one year from the date of production.

© Metasan | metasan.co | 021 91006091

All statements, technical information and recommendations contained herein are based on tests and data which we believe to be reliable, but the accuracy or completeness thereof is not guaranteed and no warranty of any kind is made with respect thereto.

Meta WAX 101

Revision: July 2026

Product Specification

Property	Unit	Value	Test Method / Standard
Appearance	-	White Liquid	Visual
Density at 25 (°C)	kg/L	0.75 – 0.85	ASTM D4669
Carriers	-	White Spirit	-
Flash Point	°C	> 27	ASTM D93

Parameters of PU wax

Property	Unit	Value	Test Method / Standard
Meta WAX 101 : Solvent	(w/w)	1 : 1*	Calculated
Dilution	-	With Light Gasoline	-
Spray Equipment	-	Airmix System	-

* depending on the spraying amount

© Metasan | metasan.co | 021 91006091

All statements, technical information and recommendations contained herein are based on tests and data which we believe to be reliable, but the accuracy or completeness thereof is not guaranteed and no warranty of any kind is made with respect thereto.