

Jowat® 408.40



Innovative high-performance primer for ABS edgebands

Edgeband primer of the latest generation with no THF, NMP, NEP and toluene

Free of chlorine – meets current IKEA requirements

For established edgebanding hot melt adhesives (e.g. EVA, PO and PUR hot melt adhesives)

Improved safety at work and reduced environmental impact

Jowat has launched a high-performance adhesion promoter for ABS edgebands: A newly developed solvent-based primer for high requirements in the manufacturing of edgebands, especially with regard to occupational safety and environmental protection.

Jowat® 408.40 is a primer with a chlorine-free formulation, without any addition of toluene, tetrahydrofuran (THF), N-methyl-pyrrolidone (NMP) and N-ethyl-pyrrolidone (NEP). Its applications are in the field of edgeband production. When processed correctly, the performance of **Jowat® 408.40** on ABS substrates is considerably superior compared to standard PU primers. This is due to the solvents in the formulation that can detach PU polymers and also facilitate the gentle etching of the styrene in ABS materials.

Due to the substitution of toluene, THF, NMP and NEP, the primer is marked only with GHS02 & GHS07:



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Application by gravure or smooth roller, for ABS edgebands.

Polymer basis		PU
Processing temperature	[°C]	15 - 25
Viscosity (DIN cup 4 mm)	[s]	approx. 35
Solids content	[%]	approx. 15.0
Density	[g/cm ³]	approx. 0.90
Appearance		white, opaque
Appearance under UV light		blue
Solvent		MEK, ethyl acetate, acetone, petroleum benzine



The information given in this leaflet is based on test results from our laboratories as well as on experience gained in the field, and does in no way constitute any guarantee of properties. Due to the wide range of different applications, substrates, and processing methods beyond our control, no liability may be derived from these indications nor from the information provided by our free technical advisory service. Before processing, please request the corresponding data sheet and observe the information in it! Customer trials under everyday conditions, testing for suitability at normal processing conditions, and appropriate fit-for-purpose testing are absolutely necessary. For the specifications as well as further information, please refer to the latest technical data sheets.

Therefore, the following H statements are not required for this primer:

- H351: Suspected of causing cancer.
- H360Df: May damage the unborn child. Suspected of damaging fertility.

Primers containing toluene, NEP, NMP and THF can still be sold in general. **Jowat® 408.40**, however, fully complies with the rule of substitution according to the legislation on hazardous substances and facilitates more environmentally and health-friendly systems.

Jowat® 408.40 provides several further benefits for use on ABS edgebands:

- Improved, homogeneous application pattern as a basis for good permanent bond strengths.
- Free of chlorine – the primer therefore also complies with IKEA-IOS-MAT-0010, -0054 & 0066.
- If used correctly, improved performance on ABS, compared to standard, IKEA-IOS-MAT-conforming primers.
- Completely free of pyrrolidone: Excellently prepared for the future.