

## MARK® 17 MOK D

<b>Description</b>	Octyl-tin mercaptide stabiliser
<b>Delivery form</b>	Clear, yellowish, low viscous liquid
<b>Application</b>	<p>MARK® 17 MOK D is mainly used in the production of rigid PVC packaging materials to comply with food regulations. It is particularly effective in both initial colour and long-term heat stability in most types of PVC resins used in this application e.g. emulsion-, suspension-, bulk-, modified PVC or combinations with copolymers.</p> <p>MARK® 17 MOK D has been especially developed for odour sensitive applications.</p> <p>MARK® 17 MOK D has proven satisfactory in calendering, extrusion and injection moulding of rigid PVC; for each application an optimisation is obtained by the stabiliser dosage and by the choice and concentration of the lubricants used.</p> <p>In the melt, organo-tin stabilised PVC has the tendency to stick to hot metal parts. The choice and concentration of external lubricants is therefore particularly important. In rigid PVC processing the addition of external lubricants such as montan waxes and complex esters (0.2 - 0.5 phr), PE waxes and oxidised PE waxes (0.05 - 0.1 phr) has proven to give good results. However, it is not recommended to add stearic acid as it reduces the effectiveness of the stabiliser.</p> <p>The choice and concentration of internal lubricants is also of great importance. Fatty acid glycerides or epoxidised compounds such as DRAPEX® 39 are mainly used in this application as they are highly compatible with PVC; they are used at concentrations of 0.5 - 1.5 phr.</p> <p>Like all organo-tin mercaptide stabilisers MARK® 17 MOK D has a very good compatibility with PVC; plate-out and exudation problems due to the stabiliser are therefore practically unknown. In unpigmented and unfilled formulations highly transparent finished articles can be obtained.</p> <p>Where particularly good weatherability of the finished article is required suitable light stabilisers such as benzotriazole UV absorbers at 0.2 - 0.5 phr should be added.</p>

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<b>Approval</b>	The approval status depends on the local requirements. Specific information can be submitted on request.
<b>Dosage</b>	Recommended dosage level: 0.8 - 1.5 phr
<b>Specification</b>	The specified values are given in the Product Specification.
<b>Packaging</b>	MARK® 17 MOK D is supplied in standard steel drums, which can be reused and recycled, and which conform to the UN regulations (contents 220 kg), as well as in recyclable IBC (contents 1000 kg), on request also in road tankers (contents 20 to).
<b>Storage</b>	Please refer to the MSDS. Recommended storage temperature: 15 to 30 °C Keep containers dry and reseal tightly after use.

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