

MARK® 17 MOK

Description	Octyl tin mercaptide stabiliser
Delivery form	Clear, yellowish, low viscous liquid
Application	<p>MARK® 17 MOK 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>Depending upon the various components of rigid PVC formulations better results may be obtained with related products such as MARK® 17 MOK A or MARK® 17 MOK N.</p> <p>It is therefore desirable to carry out preliminary tests in the intended formulation.</p> <p>MARK® 17 MOK has proven satisfactory in calendering, extrusion and injection moulding of rigid PVC; for each application optimum results can only be obtained by a properly selected dosage of stabiliser and lubricants.</p> <p>In the melt, organotin 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 epoxy 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 to 1.5 phr.</p> <p>Like all organo-tin mercaptide stabilisers MARK® 17 MOK 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>

Galata Chemicals GmbH

Chemiestrasse 22, D-68623 Lampertheim, ☎ +49 (0) 6206 9570, fax +49 (0) 6206 95 7109

Where particularly good weatherability is required suitable light stabilisers such as benzotriazole UV absorbers at 0.4 - 0.6 phr should be added.

Approval

The approval status depends on the local requirements. Specific information can be submitted on request.

Dosage

Recommended dosage level: 0.8 - 1.5 phr

Specification

The specified values are given in the Product Specification.

Packaging

MARK[®] 17 MOK 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 available in road tankers (contents 20 t).

Storage

Please refer to the MSDS.

Recommended storage temperature: 15 to 30 °C

Keep containers dry and reseal tightly after use.

Version 11/10

Drapex[®] and Mark[®] are trademarks of Galata Chemicals GmbH.

The information contained herein relates to a specific Galata product and its use, and is based on information available as of the date hereof. Additional information relating to the product can be obtained from the pertinent Material Safety Data Sheets. Nothing in this Technical Data Sheet shall be construed to modify any of Galata standard terms and conditions of sale under which the product is sold by Galata. NOTHING IN THIS TECHNICAL DATA SHEET SHALL BE CONSTRUED TO CONSTITUTE A REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, REGARDING THE PRODUCT'S CHARACTERISTICS, USE, QUALITY, SAFETY, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Nothing contained herein shall constitute permission or recommendation to practice any intellectual property without the permission of the owner.