

	Technical Data Sheet	VERSION: 10.07.2016
	Catalyst S417	

Product Description

Diocetyl tin oxide – alkyl silane blend

Properties

S417 is a clear, slightly yellow liquid.

The use of S417 as a catalyst in neutral- (alkoxy- and oxime type-) crosslinking silicone systems (RTV-1) and 1K-silane terminated polymer systems (MS, STPE, SPUR) permits selective adjustment of the crosslinking density and - in conjunction with additional additives - control of the crosslinking speed.

Application

S417 mostly can be used by itself but also in combination with other catalysts to provide the sealant with targeted properties (such as desired cure rate, adhesion etc).

S417 can be used in both filled and non-filled formulations and shows excellent adhesion and shelf-life.

Processing

In polysiloxane crosslinking formulations (RTV-1) S417 may be added to the formulation as a catalyst. Processing is effected by means of standard mixing methods.

Usually, about 0.2 – 1.0 wt% catalyst is added to the formulation.

Storage

Correctly stored in its original, unopened packing below 25° C in a dry place S417 has a shelf-life of 9 months from the date of manufacturing. Storage outside in freezing conditions or above 25° C should be avoided.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons

Typical Characteristics

Appearance: Yellowish clear liquid

Tin Content: 14.5 – 18.0%

Safety Notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets which are available on request.

DISCLAIMER

The information provided herein is believed to be accurate at the time of preparation or prepared from sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of the product and to determine the suitability of the product for its intended use. All products supplied by SILVIT are subject to the conditions of sale. Customers must evaluate the products and make their own determination as to fitness of use in their particular application. SILVIT makes no warranty except that the product shall conform to SILVIT's specifications.