

WACKER[®] CATALYST TC 44

Catalysts

CATALYST TC 44 is a liquid catalyst for SILRES[®] MSE 100.

Properties

CATALYST TC 44 is sensitive to moisture and should be handled under a dry/inert atmosphere. It is used as a reactive crosslinker/catalyst for SILRES[®] MSE 100 in combination with moisture.

Technical data

General Characteristics

Property	Condition	Value	Method
Optical appearance	-	bright yellow liquid	-
Refractive index	-	1.487 - 1.491	-

These figures are only intended as a guide and should not be used in preparing specifications.

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

Applications

- Heat-Resistant Coatings
- Industrial Coatings

Application details

Coatings: CATALYST TC 44 shall be added to SILRES® MSE 100 based formulations, e.g. as ambient-temperature curing high-temperature resistant coatings.

SILRES® MSE 100 will start to cure when mixed with CATALYST TC 44 and contacted with humidity.

Processing

CATALYST TC 44 should be mixed with SILRES® MSE 100 in amounts of 2 - 7 % by weight. The higher the amount of the catalyst, the faster the cure rate will be. Very high amounts of catalyst can lead to embrittlement of the cured resin. It is recommended to determine the appropriate catalyst amount for the specific formulation by experiments.

Packaging and storage

Packaging

- steel can 25 kg

Storage

CATALYST TC 44 has a shelf life of at least 12 months when stored between 0°C and 25°C in the tightly closed original container.

The "Best use before end" date of each batch is shown on the product label.

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.

Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

QR Code WACKER® CATALYST TC 44



For technical, quality or product safety questions, please contact:

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