

LOCTITE TW 422

Known as EMRALON TW 422

April 2017

PRODUCT DESCRIPTION

LOCTITE TW 422 provides the following product characteristics:

Technology	Waterbased
Product Type	Hardener for 2K waterborne coatings
Application	EPDM
Features	Crosslinker
Benefits	High effective (100% solid content)
Application Areas	Rubber extrusions – door, trunk, sunroof gaskets and window channels

LOCTITE TW 422 is a crosslinker that can be used in combination with many of Henkel's two component water based weatherstrip coatings.

It is a clear, very light straw fluid that stirs easily into the base component.

TYPICAL PROPERTIES

Colour	light straw
Flashpoint (Tag, closed cup)	>100°C
Density	1,070 kg/m ³

DIRECTIONS FOR USE

Preliminary Statement:

Prior to use it is necessary to read the **Material Safety Data Sheet** for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed. Please also refer to the local safety instructions and contact Henkel for analytical support.

Application:

Mixing:

First homogenise the principal product properly. After this the LOCTITE TW 422 is added slowly, while stirring. The mixing speed should be sufficient to obtain adequate movement. Avoid high speed mixing, it will cause heavy foaming.

Mixing ratio: 5 parts LOCTITE TW 422 with 95 parts of 2K LOCTITE waterborne coating (TW 5xx).

After this the LOCTITE TW 422 is added slowly (e.g. adding 0.9 kg into 17.1 kg of coating in approx. 15 minutes), while stirring.

Clean-up:

Cold or warm (not hot) water is sufficient to clean equipment. If the LOCTITE TW 422 has been dried use ethanol or acetone.

Pot Life:

After the LOCTITE TW 422 has been added and mixed into the principal product, the pot life is about 18 to 24 hours.

APPLICATION ASSISTANCE

Henkel's Application Specialists are available to assist you in production start-up with LOCTITE TW 422. For more information visit our website at <http://www.henkel-adhesives.com/automotive/areas-of-application-42518.htm?nodeid=8799631999118> for the Henkel global location nearest you.

STORAGE

LOCTITE TW 422 is frost-sensitive.

Recommended storage temperature:

5 to 30 °C under original seal. Return to room temperature and stir gently before using. Do not freeze.

Recommended transportation temperature:

5 to 50 °C for short term.

Transit and interim storage situations (i.e. receiving) are not encompassed by Henkel's storage requirements. It should be noted however that all efforts should be made to store material as required, as soon as possible. Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel Corporation cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local Technical Service Center or Customer Service Representative.

Shelf life:

9 months from date of qualification under original seal.

PACKAGING

0.9 kg

ADDITIONAL INFORMATION**Disclaimer****Note:**

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

In case products are delivered by Henkel Belgium NV, Henkel Electronic Materials NV, Henkel Nederland BV, Henkel Technologies France SAS and Henkel France SA please additionally note the following:

In case Henkel would be nevertheless held liable, on whatever legal ground, Henkel's liability will in no event exceed the amount of the concerned delivery.

In case products are delivered by Henkel Colombiana, S.A.S. the following disclaimer is applicable:

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

In case products are delivered by Henkel Corporation, Resin Technology Group, Inc., or Henkel Canada Corporation, the following disclaimer is applicable:

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In light of the foregoing, **Henkel Corporation specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Henkel Corporation's products. Henkel Corporation specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits.** The discussion herein of various processes or compositions is not to be interpreted as representation that they are free from domination of patents owned by others or as a license under any Henkel Corporation patents that may cover such processes or compositions. We recommend that each prospective user test his proposed application before repetitive use, using this data as a guide. This product may be covered by one or more United States or foreign patents or patent applications.

Trademark usage: [Except as otherwise noted] All trademarks in this document are trademarks and/or registered trademarks of Henkel and its affiliates in the U.S. and elsewhere.

Reference 0.0