

TECHNOMELT DORUS KS 351

Known as DORUS KS 351

June 2013

PRODUCT DESCRIPTION

TECHNOMELT DORUS KS 351 provides the following product characteristics:

Technology	EVA
Product Type	Unfilled Hotmelt
Application	Edgebanding
Appearance	Granules Transparent White

Application Areas

- Edgebanding as from feedrates of 12 m/min throughfeed machines
- Edging material: solid wood, veneer, melamine, polyester, HPL*, PVC*, ABS*, PP*
- Softforming even with difficult-to-bond profiles
- Suitable for processing centres (BAZ) with direct application

* Suitability depends on the individual characteristics of the edging material and how it is primed.

Product Properties

- Medium viscosity
- Universal hotmelt adhesive
- Very good thermal resistance
- Produces tight joints virtually not visible
- Very high heat resistance
- High glue mileage
- Very good wetting
- Permits smooth surfaces even with very flexible edging materials
- High final bond strength

Technical Data

TECHNOMELT DORUS KS 351:

Softening Point, Ring & Ball, °C	~110
Viscosity, Brookfield - 180 °C, mPa.s	~140,000
Viscosity, Brookfield - 200 °C, mPa.s	~75,000
Heat Resistance, °C	~90
Tested with 0.6 mm oak veneer using the Henkel method of increasing temperature	

DIRECTIONS OF USE

Preliminary Statement

Prior to application 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.

Instructions for Use

Working Temperature

Recommended working temperature:	
in the melting container, °C	180 to 200
at the application roller, °C	190 to 200

Safety

Hotmelt adhesives give off vapours even when the specified working temperature is not exceeded. The smells emitted may often cause irritation. When the specified temperatures are considerably exceeded over a longer period of time, there is the additional danger of decomposition products being given off. Therefore measures to draw off the vapours need to be taken, e.g. through the provision of extraction equipment.

STORAGE

Store in the original tightly closed container in a cool, dry place.

Shelf life

Shelf-life (in unopened original packaging), years 2

Classification:

Please refer to the corresponding **safety data sheets** for details on:

Hazardous Information

Transport Regulations

Safety Regulations

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 of Henkel Corporation in the U.S. and elsewhere. ® denotes a trademark registered in the U.S. Patent and Trademark Office.

Reference 0.0

Henkel AG & Co. KGaA
73438 Bopfinger, Germany
Phone: +49-7362-81-0

Henkel Corporation
Bridgewater, NJ 08807, USA
Phone: +1-908-685-7000

Henkel (China) Co.Ltd.
201203 Shanghai, China
Phone: +86-21-2891-8000