Technical Data Sheet

LOCTITE DURO-TAK 129A

Known as Duro-Tak 129A
April 2015

PRODUCT DESCRIPTION

LOCTITE DURO-TAK 129A provides the following product characteristics:

Technology	Acrylic
Product Type	Pressure sensitive adhesive
Application	Pressure Sensitive Products
Appearance	transparent, colourless, liquid
Cure	self-curing

Application Areas

- High tack applications
- Medical tapes, plasters and bandages

Product Properties

- Very high tack
- Colourless, optical clear film

Technical Data

LOCTITE DURO-TAK 129A:

Solids Content (60 min, 150 °C), %		49.0 to 53.0
Viscosity, mPas Brookfield SSA, 25 °C Spindle 21, speed 10 rpm		1,750 to 3,500
Relative Viscosity		2.3 to 2.7
Solvent Composition	Heptane, %	33
	Isopropanol, %	32
	Ethyl acetate, %	30
	Toluene, %	5
	Pentanedione, %	0.4

Typical Properties

180° Peel, N/25 mm steel	36
Loop Tack, N/25 mm steel	16
Shear, hours 70 °C, 1" x 0.5", 1 kg	~0.2

Tested with a 30 gsm coating on 50 µm PET.
The given data is purely an indication and should not be used as a specification.

Medical Applications

Suitability is suggested for medical applications, but this does not constitute a general endorsement. Manufacturers must seek approval for total construction.

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.

Application

Application method:

- any conventional roller technique appropriate to the product's viscosity

Its rheological characteristics allows for coating at high speeds. Direct or transfer coat depending upon substrate used. High temperature curing 110 °C is recommended for best results.

Handling Information

Due to the variety of different materials available on the markets pre-tests should be carried out.

STORAGE

- Rotate stock, using oldest material first.
- Store away from naked flames, sparks or other sources of ignition and protect from extremes of temperature.
- Keep container covered when not in use to prevent solvent loss and contamination.
- When stored in a dry and cool place in the original unopened containers shelf life is as follows.

Shelf life

Shelf-life (in unopened original packaging), months	12
Recommended Storage Temperature, °C	10 to 30

Classification:
Please refer to the corresponding **safety data sheets** for details on:
Hazardous Information
Transport Regulations
Safety Regulations
Waste Disposal

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.
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