

TECHNICAL DATA SHEET

DVN

May 2024

Thinner for Neoprene coating

PRODUCT DESCRIPTION

DVN is a solvent designed for use with all neoprene based conformal coatings. Especially used for NVR95 coating.

The main uses of the thinners is to dilute the coatings for use in dip, brush and spray coating. It is also used for rinsing equipment.

A wide range of solvents is available from ABchimie, including both slow- and quick-drying cleaning solvents and water-based cleaning products.

APPLICATION

Spray Coating

When solvent based coatings are sprayed, the higher pressure at the nozzle forces the solvent within the coating to evaporate very quickly. Therefore, to avoid cob-webbing (i.e. the coating drying immediately as it leaves the spray gun), extra solvent must be added.

DVN should be used at levels of between 1:1 and 1:3 (Coating:Thinners) depending upon the application. To avoid microbubbles in the coating, stand 2 minutes before attempting to spray. Thinners should be added gradually until a spray pattern is achieved without "cob-webbing" and the coating weight required is reached.

Dip Coating

DVN may be used to maintain the viscosity of conformal coatings in open tanks used in dip coating processes. Over time the solvent within the coatings evaporates, increasing the viscosity of the coating, and giving a thicker coating. This solvent loss must be replaced to maintain the correct viscosity to give an economical coating thickness. In most systems it is sufficient to measure the viscosity of the coating once per week.

DVN is a flammable solvent and should be used in a well ventilated area and all sources of ignition must be avoided.

CONDITIONNING

5L Bulk

REFERENCES

DVN 05L

DVN is in compliance with REACH and RoHS regulations. A certificate may be sent on request (info@abchimie.com).

STORAGE AND DATE OF USE:

Storage temperature: 5 to 30°C: A temporary lower temperature during few days (transport) doesn't distort properties.

Date by use: 24 months after the date of manufacturing

All information is given in good faith but without warranty. Properties are given as a guide only and should not be taken as a specification. ABchimie cannot be held responsible for the performance of its products within any application determined by the customer, who must satisfy themselves as to the suitability of the product.



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