

# PeViCol®

— superior properties

- 1 Specially developed for gluing PVC pipe systems, both soft and hard PVC
- 2 Low emissions
- 3 Not classified as an environmental toxin
- 4 Can be used indoors, requires minimal ventilation
- 5 Non-inflammable. Flash point 95°C
- 6 Low odour
- 7 Can glue at 0° - 80°C
- 8 Same chemical resistance as PVC
- 9 2 year shelf lifetime in unopened packaging
- 10 Quick hardening
- 11 Cement on hands can be washed off with cold water
- 12 Cleaning with solvents or sanding with sandpaper not required. Just wipe clean with dry crepe paper
- 13 Only to be used on completely dry surfaces
- 14 Primer not required
- 15 Does not need to be diluted. Supplied ready for use

PeViCol®

#### Reactivity:

PeViCol does not release poisonous or explosive fumes when added to or mixed with other non-hazardous substances.

Poisonous fumes are released when PeViCol reacts with oxidizing agents.

#### Fire related information:

PeViCol releases poisonous gasses during combustion. Inhalation of these gases should be avoided. Extinguish with water, carbon dioxide, powder or foam.

#### Destruction and cleaning:

PeViCol remnants or pollution (spills) are diluted or washed down with copious amounts of water. Crystallized PVC is destroyed in the normal way. Solvents in solution i.e. 1/100 are biologically degradable. Large spills can be absorbed by sand or sawdust, which then is handled as plastic waste. Brushes are cleaned with paper, not water. The brushes can also be stored in PeViCol.

If you wish to use gloves, the gloves should be made of neoprene or natural rubber. If an area of approx. 1 m² is glued in an approved workshop at normal temperatures, concentrations are much lower than the limit value of 100 ppm – 400 mg/m³ and special ventilation is not required.

#### Physical data for PeViCol's solvent:

Boiling point	202°C
Freezing point	-24°C
Solubility in water	100%
Specific gravity 20°C	1,03 g/cm³
Relative evaporation rate (n-butylacetat = 1)	0,05
Saturated vapour pressure (20°C)	0,04 mm Hg
Saturating concentration (20°C)	525ppm
Flash point	95°C
Auto-ignition	346°C

Refer to the technical data sheet and usage and assembly instructions before using the product.

**Nordcoll** 

Ibæk Strandvej 3 · DK-7100 Vejle · Denmark  
Tel: +45 75 72 23 33 · Fax: +45 75 72 22 07  
www.nordcoll.dk · vejle@nordcoll.dk

# PeViCol®

**PVC  
cement  
for pipes**



**Nordcoll** 



# PeViCol®

PeViCol has  
been developed  
by one of  
Denmark's  
leading adhesive  
specialists

## simple, safe and reliable PVC gluing

PeViCol is manufactured for use on PVC, but can be used on a long list of thermoplastic synthetic materials. Test gluing should be carried out before being used on non-PVC materials.

### Transport and packaging:

PeViCol's composition does not require the product to comply with any special transport restrictions. The packaging should be marked with a two coloured X 'St. Andrews cross', the word irritant and the sentences (S41): IN CASE OF FIRE AND/OR EXPLOSION, DO NOT BREATHE FUMES and (R36/38): IRRITATING TO EYES AND SKIN.

### Storage lifetime:

2 years in unopened packaging where stored in dry and cool storage premises.

### Packaging:

200 kg – 5,5 kg – 0,570 kg – 0,285 kg – 0,120 kg

Can be supplied with labels in Danish, German and English.

### Description:

PeViCol pipe cement is hard PVC dissolved in a weak base. The cement is crack sealing and is thixotropic. Excess non-dry cement, becomes white.

### Area of usage:

PeViCol is used for gluing hard PVC pressure pipes or PVC flexible piping with PVC fittings. PeViCol pipe cement is tested and meets the requirements of NS 2944 point 6.4., ASTM D 2564-80 point 6.3.3. and DIN 16970, BS 6209 and BS 6920.

### Instructions:

The deburred pipe ends and socket sleeve surfaces which are to be glued are cleaned using clean paper (kitchen roll). A thin layer of PeViCol pipe cement is applied to the socket sleeve and to the pipe end. The pipe and socket sleeve are pressed together using a twisting movement until the stop or marked point is reached.

**The twisting motion should be continued** until the glued joint resistance is so great that twisting becomes difficult.

Always read the use and assembly instructions before using. These are enclosed in the box and can be supplied in Danish, German and English.

REMEMBER to adjust directional fittings in time.

PeViCol remains active until it is neutralised with water. It is therefore recommended to always flush the system with copious amounts of water before use. Glued joints can be pressure tested to 2 bars after one hour, plus 1 bar for each hour until the pipe's max. pressure is reached.

### PeViCol glued joint acid resistance:

Sulphuric acid ( $H_2SO_4$ )	concentrations up to 80%
Hydrochloric acid (HCL)	concentrations up to 36%
Nitric acid ( $HNO_3$ )	concentrations up to 45%
Hydrofluoric acid (HF)	concentrations up to 10%
Not resistant to aromatic and chlorinated hydrocarbons.	

Cement containers should always be kept closed, as the glue absorbs moisture from the air and becomes unusable.

**PeViCol is not to be diluted.**

### Consistency:

Thixotropic, does not run on vertical surfaces, when applied in the correct layer thickness.

Specific gravity:	1,08 g/cm <sup>3</sup>
Dry substance content:	approx. 20%
Colour:	Light, slightly brownish, slightly transparent.

### Chemical formula:

For solvent: N-methyl-2- pyrrolidone.

### Synonyms:

Methylpyrrolidone, N.M.P.®, M-Pyrol®

### Health risk:

Splash that enters the eye can result in irritation.

### First aid:

Rinse with water (eye wash bottle).

Skin which is in contact with the product for longer periods of time can become degreased which can result in soreness and irritation. Therefore always wash skin with water after long term contact.

### Information to health personnel:

PeViCol crystallizes out, i.e. plastics are separated out and the solvent is 100% miscible with water. This is why only treatment with water is required in the event of accident. A greasy 5% carbamide cream (skin-lotion) can also be applied to affected skin areas.

**Template code: 2 - 1**

