

EN Technical Data Sheet

Bectron[®]
AP 74V8-03

General Purpose Primer for Silicone Rubber

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Area of application

Bectron® AP 74V8-03 has been specially formulated to enhance adhesion of silicone rubbers to different substrates including most metals, rubber, polyester, nylon and other plastics. It is recommended for use on non-porous surfaces.

In some cases it has also been found effective as a barrier to substrates that usually can cause inhibition to platinum cure systems

Processing methods

Pre-treatment: surfaces should be clean, dry and free from grease. Clean with mineral spirits, methyl ethyl ketone (MEK) or other suitable solvents.

Allow solvents to completely evaporate before applying the primer.

Apply Bectron® AP 74V8-03 in a very light, even coat by:

- Wiping
- Dipping
- Spraying

For difficult surfaces to bond to it may be necessary to increase the surface reactivity by chemical etchants or oxidizers or by exposing the surface to UV, corona, plasma or flame sources.

Excess material should be wiped off to avoid overapplication.

Allow the primer to dry thoroughly at room temperature for 30 to 60 minutes before applying the silicone rubber. Drying should be carried out in a well-ventilated area. Do not leave longer than 2 hours to avoid deposit of dust and other contaminants on the coated surfaces.

Heat should not be applied to accelerate the drying cycle. This may result in a lower adhesion strength.

Description

Bectron® AP 74V8-03 is a dilute solutions of silane coupling agents and other active ingredients.

Storage and stability

Product should be stored in its original sealed container to avoid any potential contamination at a temperature below 35°C. Store accordingly to any specific instruction listed on the product label. Product should be used prior to the expiring date marked on the label

Handling precautions

Bectron® AP 74V8-03 contains solvents which are classified as flammable and harmful. Users should read the Material Safety Data Sheets of this product carefully before use.

Comply with local regulations relating to industrial health and waste disposal

SYSTEM SPECIFICATIONS

Property	Conditions	Method	Value	Units
Appearance	23°C	Visual	Transparent to pale yellow liquid free from any visible impurity	---

TYPICAL PRODUCT CHARACTERISTICS

Property	Value
Viscosity [cps]	<20
Flash Point [°C]	21°C
Specific gravity at room temperature [g/cm ³]	0.83
Tack Free Time [min]	30*

*measured at 23+/-2°C and 65% relative humidity.

Our advice given verbally or in writing is based on the present state of our technical knowledge, but is intended as information given without obligation, also with respect to any protective rights held by third parties. It does not relieve your own responsibility to check the products for their suitability to the purposes and processes intended and in accordance with the technical sheets of the products. The application usage and processing of the product are beyond our control and will completely fall into the scope of responsibility of buyers and users. Should there nevertheless be a case of liability from our side, this will be limited to any damage equivalent to the value of the merchandise delivered by us. Naturally, we assume responsibility for the unobjectionable quality of our products, as defined in our general terms and condition.