

## TECHNICAL DATA SHEET

### CHEMITAC 74

#### DESCRIPTION:

Chemitac 74 is a Primer for surface preparation, solvent base which is used for vulcanized rubber treatment and thermoplastics substrates. Chemitac 74, modify the threated surface increasing the anchoring of structural adhesives (PU, epoxy), contact (tack) adhesives and Casting Polyurethane. Chemitac 74 prepares substrates surface like Natural Rubber, SBR, EPDM, Nitrilic (NBR), Polychloroprene, Butyl, Polyurethane and Thermoplastic Polymers.

Chemitac 74 does not require agitation before use. The solid material is completely dissolved at solvent system.

#### TYPICAL PHYSICAL CHARACTERISTICS:

Appearance	:	Transparent to amber liquid
Non-volatile solids (1h @ 105°C)	:	2,3 a 3,5%
Specific gravity at 25°C	:	0,870 - 0,930 g/cm <sup>3</sup>
Diluent	:	Ethyl Acetate
Flash Point (Seta)	:	-4°C / 24,8°F
Shelf life	:	6 months (closed can, below 25°C).

#### CHEMICAL COMPOSITION:

Halogen dissolved in Ethyl Acetate

#### HOW TO PREPARE THE SURFACE:

##### Vulcanized Rubber and others Polymers Substrates

Remove contaminants from rubber surface using a fabric rag soaked in appropriate solvent, depending on kind of rubber. Example: NR/SBR – Xilene; NBR – MIBK.

#### HOW TO APPLY THE PRIMER CHEMITAC:

**Agitation:** It is not necessary.

**Dilution:** It is not recommended.

It can be applied by **Dipping**, **Brushing**, or use a **Textile Cotton Rag** soaked at the product. **Spray** application process is not recommended, due to a very low product viscosity.

**Application and film tickness:** No film is formed, therefore there is no control over the measurement of the product layer, because it is a "modification" of the surface of the substrate

**Drying:** Dry at room temperature for approximately 5 minutes.

Best results were obtained with the application of the adhesive over PU (casting) after a few hours of application of Chemitac 74, however, parts could be stored for later application. Important to check product blooming at surface or other any contamination.

## **TOXICITY:**

Breathing vapors for a prolonged period of time is harmful to health.

Use Chemitac 74 only with facial breathing mask, gloves, protective goggles, and appropriate ventilation.

Continuous contact with the skin may cause irritation.

Adhesive Chemitac 74 may be fatal if swallowed.

If swallowed, do not induce vomiting, but call a physician.

## **STORAGE:**

Keep container tightly closed during storage and always keep away from heat sources. Maximum temperature storage: 25°C Storage in an environment between 5 and 25°C increases the life of the adhesive.

## **SAFETY INFORMATIONS:**

Consult the product MSDS for safety information.

## **ADDITIONAL INFORMATION:**

For more information on this and other products, please visit our Website:

[www.chemitac.com](http://www.chemitac.com)