

DATA SHEET

Date of issue : 26/11/00
 Date last review : 18/04/02
 Edition N° : 2
 Page : 1 of 2

POLURENE T 70 AE

Description :

Polyfunctional aliphatic isocyanurate .
 Polurene T 70 AE is a monomer free polyisocyanate based on the Cycloaliphatic Isophorone diisocyanate diluted in Ethyl Acetate. Polurene T 70 AE can be used with many type of hydroxyl resins such as, polyurethane OH - terminated and saturated polyester resins.
 The final properties can depend on the type and the amount of Hydroxyl terminated polymer which is used as the first component.
 Usually the films obtained have the following properties :

- gloss
- chemical resistance
- flexibility
- hardness
- stable to light

Range of use :

Polurene T 70 AE has been specially developed as an isocyanate cross-linking agent for polyurethane two component adhesive systems, in general, the second component , to laminate film / film, film / foil and film / paper final structure. When it's combined with a REXIN 1973/500 PET high molecular weight special polymers series, produces two component adhesive system, for lamination in accordance to FDA regulations 21CFR§177.1390

Specifications :

POLURENE T 70 AE

(°) DATA SHOWN ON
ANALYSIS CERTIFICATE

Appearance	Clear	
Colour (Gardner 1953)	3 max	°
Solids (%)	70 +/- 2	°
Viscosity (23 °C mPa*s)	400 +/- 200	°
Density at 20 °C.	1.06 +/- 0.05 g/cm ³	
Solvent	Ethyl Acetate	
NCO (%)	12.0 +/- 1.0	°
Free IPDI monomer %	virtually free	

DATA SHEET

Date of issue : 26/11/00
Date last review : 18/04/02
Edition N° : 2
Page : 2 of 2

POLURENE T 70 AE

Food legislation :	<p>The monomers used for the production of POLURENE adhesives system, are in conformity to the following legislation :</p> <p>DIRETTIVA 90/128/CEE 23/02/1990 relativa ai materiali ed oggetti di materia plastica destinati a venire a contatto con i prodotti alimentari e successive modifiche – 92/39 – 93/9 – 95/3 – 96/11 – 99/91. CFR, TITLE 21, §175.105 FDA Washington D.C. CFR, TITLE 21, §177.1390 FDA Washington D.C. GERMAN BgVV – Empfehlungen, Teil A XXVIII.</p>
Storage and warranty :	<p>The product is supplied in 5, 15, 60 Kg pails and 200 Kg drums and has a warranty of 6 months when stored in the original sealed and unopened containers.</p> <p>Keep containers tightly closed and in well ventilated place. Keep away from sources of ignition, heat and directly sunlight.</p>
Waste classification :	<p>In according with the D.P.R. 915/82 POLURENE T 70 AE cross-linked and cured, should be classified as special waste. In case of dilution with Ethyl acetate do not change the polymer classification.</p>
Additional information:	<p>Films, additives, contained in such films (antistatic, slip agents etc.) printing inks, preliminary treatment proceedings, operative conditions of rolling and manufacture products are all factors which may influence, even after some time, the properties of adhesion and endurance of the rolled products.</p> <p>In order to achieve the best results in relation to the final properties of the products, the specific features of each component used in the production of the package must be considered.</p> <p>For technical assistance service (TAS) of SAPICI is available for providing you with all the assistance and information you might need for the correct use of our adhesive system.</p>

SAPICI S.p.A. warrants that the properties of the product POLURENE FP or REXIN are truthful, in compliance with all statutory requirement and exclusively derive from its own knowledge and experience.

SAPICI S.p.A. also warrants that, when use in accordance with the instruction provided and standard condition of use, the product POLURENE FP or REXIN is free from the facts.

There are no other warranties, expressed or implied.

Considering the existence of different materials and the fact that the conditions of application cannot be under our control, the user must verify the suitability of the product for the intended use, through adequate tests.



S.A.P.I.C.I. Spa 20063 Cernusco sul Naviglio (MI)
Via Bergamo, 2 Tel . (02) 921871
Telex 325343 CONNI I - Fax (02) 92141949
E-mail: sapcer@tin.it

DATA SHEET

Date of issue : 26/11/00
Date last review : 18/04/02
Edition N° : 2
Page : 3 of 2

POLURENE T 70 AE

The user of the product POLURENE FP or REXIN has knowledge of the correct use of the product and accept all risks and liability related to inappropriate use of the product.

In particular, the user of solely liable for damages of any kind arising from inappropriate use of the product.