

TEGO® AddBond LTH

solid adhesion resin for solventborne formulations

Area of application

	0	1	2	3	4	5
Adhesion on metal	████████████████████					
Adhesion on plastic	████████████████					
Hardness	████████████████					
Flexibility	████████████					
Viscosity reduction/increase of solids content	████████████████					
Fixation of aluminium pigments	████████████████					

0 = unsuitable...5 = highly suitable

Special features

- for solventborne, solvent-free and radiation-curing coating formulations
- excellent adhesion improvement on aluminium and steel
- improves the intercoat adhesion
- improves the corrosion protection
- improves the hardness

Application

- industrial coatings
- wood and furniture coatings
- printing inks
- architectural coatings
- nail polishes

recommended addition level for all listed applications:
solid calculated on binder solid: 3.0 - 15.0 %

Solubility

mixing ratio parts by weight	1 : 9	1 : 1
water	-	-
ethanol	-	-
butyl glycol	-	-
acetone	-	-
butyl acetate	+	+
xylene	+	+
mineral spirit	-	-
TPGDA	+	o

+ = clear, soluble, o = opalescent, - = cloudy, insoluble

Processing instructions

- Dissolve in corresponding solvent before use.
- Addition during the let-down procedure is recommended.

Chemical description

modified special polyester

Technical information

- delivery form pellets
- active matter content 100 %
- viscosity at 23 °C (60 % by wt. in xylene) approx. 1000 mPa s
- hydroxyl value (as supplied) approx. 25 mg KOH/g
- acid number (as supplied) approx. 16 mg KOH/g
- glass transition temperature (solid resin) approx. 70 °C
- color Gardner (60 % by wt. in xylene) approx. 1

Suitability for food contact

- The additives/monomers/solvents of TEGO® AddBond LTH are listed on the A lists of the Swiss Ordinance 817.023.21, Annex 6.
- The components of TEGO® AddBond LTH are listed in the Regulation (EU) 10/2011.
- Detailed information on the FDA status is available on request.

Registration status

TEGO® AddBond LTH respectively its ingredients are listed in the following chemical inventories: AICS, DSL, ECL, EINECS, ENCS, IECSC, PICCS, TSCA.

All intentional ingredients are listed on the DSL (Domestic Substance List) inventory or have been notified pursuant to the NSN (New Substances Notification) regulations.

All intentional ingredients are listed on the TSCA inventory or comply with the TSCA Polymer Exemption criteria according 40 CFR 723.

Further information on regulatory topics can be found on the Regulatory Data Sheet.

Packaging

bag 25 kg

Storage stability

When stored in an original unopened packaging between -10 and +30 °C, the product has a shelf life of at least 36 months from the date of manufacture.

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