

Aluminate-based coupling agent "PLENACT AL-M"

Plenact AL-M is the brand name given to AFT's aluminate-based coupling agent used for mainly for paint and ink. AL-M shows excellent performance to improve hue clearer. It exhibits prominent effect in dispersing carbon black and pigments. And it also can be used for composite materials.

Chemical Name	Alkylacetoacetate aluminum di-isopropylate
Chemical Structure	
Appearance	Pale yellow liquid
Odor	Slightly
S. G. (23 deg. C)	0.95
Viscosity (25 deg. C)	332mPaS
Color (Gardner)	6
Flash Point	42 deg. C
Solubility	Soluble : mineral oil, DOP, n-hexane, toluene, xylene, methyl ethyl ketone, butyl acetate, ethyl acetate, chloroform, propanol Insoluble : ethanol, ethylene glycol, water
CAS No.	80481-35-2
Inventory Status	on TSCA, on EINECS, on NDSL, on ENCS, on ECL, on AICS, on PICCS
Precautions	Flammable at normal temperature but non-self-ignitable, non-oxidizing, non-explosive. May cause explosion when mixed with air at certain ratios and exposed to fire. Contact may cause skin irritation and sensitization. Always follow safe industrial hygiene practices and wear proper protective equipment when handling this compound. Please refer our MSDS (No. D-21) for safety handling.

The properties in this table are typical and don't represent specification limit.