

## [ Tin-Catalysts ]

Product Name	Chemical Composition	Appearance	Content			Application	Count Products
			Tin	Chloride (wt%)	Water		
AP-Cat 0040	Hydrated Monobutyltin Oxide	White Powder	54.0 ± 3.0	1 Max	0.5 Max	- For saturated & unsaturated polyester resins polymerization - Ester @ (200-240 °C)	Fascat 4100 (ARKEMA)
AP-Cat 0041	Monobutyl Chlorotin Dihydroxide	White Powder	48.0 ± 5.0	15 ± 5	0.5 Max	- For polyester resin polymerization - Fast ester cat.	Fascat 4101 (ARKEMA)
AP-Cat 0042	Dibutyltin Oxide	White Powder	47.5 ± 1.0	800 ppm Max	0.5 Max	- Ester cat. - Acrylate cat. - Automotive ED coating cat.	Fascat 4201 (ARKEMA)
AP-Cat0043	Dibutyltin Dilaurate	Yellowish clear Liquid	18.5±0.5	18.7±0.5% (Sn content)		- Catalyst for polyurethane foam	
AP-Cat 0045	Butyltintris(2-ethylhexanoate)	Yellowish Liquid	19.5 ± 1.0	1 Max	0.5 Max	- Polyester resin polymerization for Powder coating, Coil coating - Ester cat. - Plasticizer cat. - Acrylate cat.	Fascat 4102 (ARKEMA)
AP-Cat 0046	Dibutyltin Dibenzoate	Yellow Liquid	9.9 ± 1.0	1 Max	0.5 Max	- Automotive base coat curing cat.	LSN-105 (Sankyo organic)