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Aal Chem Tin Catalysts

PU Catalysts
Used in one or two-component polyurethane adhesives, solvent-based polyurethane coatings, water-based polyurethane coatings, polyurethane adhesives, polyurethane elastomers, polyurethane powder coatings, and polyurethane foams, etc.

PC-12 Standard, high activity catalyst for polyurethanes
PC-65 Powder catalyst for polyurethane powder coatings
PC-78 High activity and high stability catalyst for water-based polyurethanes
PC-85 Excellent performance and anti-hydrolysis catalyst for polyurethanes, free of monobutyltin, dibutyltin and tributyltin
PC-130 High activity catalyst for polyurethanes, anti-hydrolysis
PC-150 High activity catalyst for polyurethanes, long pot life
PC-180 Excellent performance catalyst for polyurethane adhesives, effectively improves adhesion properties
PC-280 Higher activity catalyst than PC-12
PC-918 Excellent performance catalyst for polyurethane, free of monobutyltin, dibutyltin, and tributyltin

Esterification Catalysts
Used in synthesis of saturated polyesters, unsaturated polyesters, alkyd resins, polyurethanes, polylactic acids, PBT, plasticizers, cosmetics esters, surfactant esters, lubricant esters, etc. All catalysts can be dissolved in polyesters and need not to be removed.

PC-4100 High activity catalyst for high molecular weight polyesters
PC-4200 High activity catalyst for medium and low molecular weight polyesters, and also high activity catalyst for transesterification
PC-4300 High activity catalyst, low starting temperature
PC-4400 Liquid, high activity catalyst
PC-4500 Liquid, high activity esterification and transesterification catalyst
PC-9800 High activity catalyst, butyltin free composition, and without the restriction of the REACH

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Silicone and Silane Catalysts

SC-101 Standard catalyst
SC-80 Efficient catalyst
SC-90 High-activity catalyst
SC-93 High-performance catalyst, free of monobutyltin, dibutyltin and tributyltin. Used in silicones and silanes.

Electro-Deposition Catalysts

PC-4220 Low chloride DBTO, for electro-deposition paints
PC-4356 Efficient catalyst for electro-deposition paints, free of monobutyltin, dibutyltin, and trisbutyltin

Hot-End Coatings of Glass

GC-103 is used on the glass surface at high temperature, effectively reduces the small cracks and the rate of broken glass containers (i.e., beer bottles, pharmaceutical bottles, and other glass containers).
GC-108 for LOW-E glass

Chemical Name	CAS No.
Dioctyltin bis-(2-ethylhexanoate)	24577-34-2
Dioctyl tin dilaurate	3648-18-8
Monooctyltin tris-(2-ethylhexanoate)	23850-94-4
Dibutyltin neodecanoate	25168-22-3
Dibutyltin bis–(acetylacetonate)	22673-19-4
Dibutyl tin maleate	78-04-6
Dibutyltin sulfide	4253-22-9
Monobutyltin dihydroxychloride	13355-96-9
MonoButyltin Trichloride	1118-46-3
DiButyltin dichloride	683-18-1
Dimethyltin dineodecanoate	68928-76-7
TriButyltin chloride	1461-22-9
TriButyltin oxide	56–35–9
Dimethyltin di chloride	753-73-1
Dimethyltin oxide	2273-45-2
Dibutyltin dilaurate	77–58–7
Dibutyltin diacetate	1067-33-0
Dibutyltin di-(2-ethylhexanoate)	2781-10-4
Dibutyltin oxide	818-08-6
Monobutyltin oxide	2273-43-0