



Shuguang

南京曙光化工集团有限公司

Nanjing Shuguang Chemical Group Co.,Ltd.

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## Zirconate SG-Zr 804

**Chemical Name:** Zirconium tetra-n-butanolate

**CAS No.:** 1071-76-7

**Product appearance:** White solid

### Application:

It reacts with chelating agents and forms corresponding Zirconate chelate that has lower reactivity to meet certain reactivity requirements. SG-Zr 804 is a Lewis acid and can be a good catalyst for most reactions such as esterification, transesterification, condensation reactions etc. It can also be used as Ziegler Natta catalyst in PP and PE polymerization. Due to its high reactivity, SG-Zr 804 can react with lower reactivity functional group of binder resin, such as

-OH and -COOH on substrate and coating, At high temperature (>350 C) SG-Zr 804 decomposes to form Zirconium dioxide ( $ZrO_2$ ) and forms thin layer on different substrates (glass, mineral, pigment, metal) and surface hardness and surface activity are improved.

The chemical properties of SG-Zr 804 is very similar to that of tetra-n-butyl titanate, however, zirconate does not cause yellowing problem.

**Packing:** Packed with bag or cardboard drum, also can be packed according to customer's requirement.

**Storage:** Seal and store it in a cool, dry and ventilated place, keep moisture-proof and waterproof, far away from kindling material and heat source.