

## Curing Agent TGIC

### Description

Curing Agent Tgic (Triglycidyl isocyanurate) is an isocyanate based crystalline polyepoxide compound. It has better heat resistance, weather resistance, adhesion an excellent high temperature stability compared with BPA resins. It is widely used as curing agent (cross-linker) for outdoor polyester powder coatings.

### Technical data sheet

|                         |                         |
|-------------------------|-------------------------|
| Appearance              | White powder or granule |
| Epoxy equivalent        | ≤110 g/eq               |
| Chloride content        | ≤1.5%                   |
| Volatile                | ≤1.0%                   |
| Purity                  | ≥90%                    |
| Melting range           | 90~125°C                |
| Viscosity (@120°C)      | ≤100CP(120°C)           |
| Epichlorohydrin content | ≤50PPM                  |

### Application

- I. Used as cross-linked hardener for pure polyester powder coating, the dosage is about 7~-9% of the polyester weight (depending on acid number);
- II. Used as cross-linked hardener for carboxyl-contained acrylic resins, the usage is about 7% of resin weight (depending on acid number);
- III. Used for high quality isolative material, as stabilizer of fire-retardant, modified epoxy resin, confected high effect binder, plastic stabilizer and etc.

### Packing, storage and handling

Available in polyethylene-lined, multi-ply paper bags. N.W.: 25kgs/bag

Store in cool and dry place, keep away from fire.

