

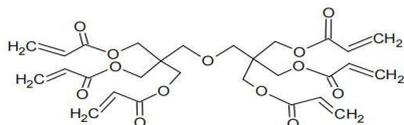


# Technical Data Sheet: 8104

**Product manual**      **8104** is dipentaerythritol hexaacrylate that increases the hardness of the coating film when cured by radiation.

**Chemical name**      Dipentaerythritol hexaacrylate(DPHA)

**Molecular formula**



**CAS No.:** 29570-58-9

**Product features**

- High reactivity
- Excellent wear resistance
- High cross-linking density
- Good chemical and water resistance

**Recommended use**

- Adhesive
- Coatings: metal, paper, plastic, and wood tools
- Anti-welding ink
- Ink: flex, gravure, offset, silk

<b>Specifications</b>	Functionality (theoretical)	6	Inhibitor (MEHQ, PPM)	400-600
	Appearance(By vision)	Clear liquid	Moisture content (%)	≤0.1
	Viscosity (CPS/25°C)	5000-7000	Refraction index (25°C)	1.480-1.490
	Color(APHA)	≤50	Gravity(25°C)	1.17 – 1.19
	Acid value (mg KOH/g)	≤0.5	Surface tension	42

**Packing**      Net weight 50KG plastic bucket and net weight 200KG iron drum.

**Storage conditions**      Please keep cool or dry place, and avoid sun and heat;  
Storage temperature does not exceed 40 °C, storage conditions under normal conditions for at least 6 months.

**Use matters**

- Avoid touching the skin and clothing, wear protective gloves when handling;
- Leak with a cloth when the leak, and wash with ethyl acetate;
- for details, please refer to the Material Safety Instructions (MSDS);
- Each batch of goods to be tested before they can be put into production.