

## PowerCure™ 2959 Photoinitiator

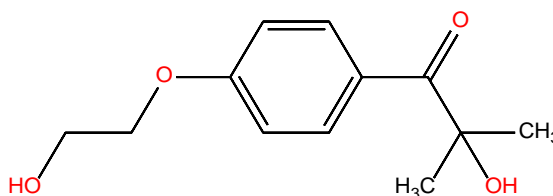
**Introduction** PowerCure™ 2959 is white crystalline solid with low odor. It is a highly efficient non-yellowing radical photoinitiator.

**Chemical Name** 2-hydroxy-1-[4-(2-hydroxyethoxy)phenyl]-2-methyl-1-Propanone

**CAS Number** 106797-53-9

**EINECS Number** 402-670-3

**Chemical Structure**



**Chemical Formula** C<sub>12</sub>H<sub>16</sub>O<sub>4</sub>

**Molecular Weight** 224.25

**Physical Properties**

Appearance	White powder
Melting point (°C)	87-91
Density [20°C] (g/cm <sup>3</sup> )	1.284
Purity (%)	Min.98

**Benefits & Applications**

PowerCure™ 2959 is mainly used in UV curing of systems comprising of unsaturated monomers and prepolymers.

PowerCure™ 2959 is especially recommended to use in low odor and water-borne systems, such as lacquers, printing inks and varnishes, which will be applied onto various objects, particularly paper.

Recommended dosage is 2-5% w/w.

**Handling & Storage**

In accordance with good industrial practice, handle with care and avoid



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unnecessary personal contact. Avoid continuous or repetitive breathing of dust. Use only with adequate ventilation. Protect skin. Avoid dust formation and ignition sources.

This product may be stored up to one year in a sealed container. Containers should be stored in a cool, dry area. Extended storage at elevated temperatures or exposure to direct heat or sunlight could reduce product life. Keep containers sealed when not in use.

For more detailed information please refer to the material safety data sheet.

### **Packing**

PowerCure™ 2959 is supplied in a 20Kg Carton Box.

### **Note**

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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