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## Description

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Copper is used solely as moderator in unsaturated polyester systems

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## Characteristic data

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Soligen<sup>®</sup> driers are based on metal salts of naphthenic acid (naphthenates).

Appearance:	clear, green liquid	
Metal content Cu, %:	7.8 – 8.2	ISO 4619 - 1980
Solids content, %:	56 – 68	ISO 3251 – 1974 (2 g, 3 h, 105 °C)
Density (20 °), g/cm <sup>3</sup> :	0.95 – 1.00	DIN 51757 (A) - 1994
Viscosity (20 °C), mPa·s:	40 – 160	ISO 3219 (A) - 194
Flash point; °C:	> 61 (typical)	
Solvent:	white-spirit containing < 1 % aromatics	

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## Properties

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In unsaturated polyesters, **Soligen<sup>®</sup> Copper 8** acts as an inhibitor or retarding agent.

**Soligen<sup>®</sup> Copper 8** is used in pre-accelerated resins to improve their storage stability. **Soligen<sup>®</sup> Copper 8** in combination with cobalt accelerators suppresses excessive warming, thus preventing discolorations, surface imperfections and damage to the substrate.

Pot life can also be extended through the addition of **Soligen<sup>®</sup> Copper 8**.

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## Applications

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**Soligen<sup>®</sup> Copper 8** is used for casting resins, surfacers and coatings based on unsaturated polyesters.

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## Addition

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In unsaturated polyesters, the addition of copper metal is between 0.001 and 0.010 %, calculated on total formulation.

The exact amount required depends on the binder used and should always be determined in preliminary trials



## Storage

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Protect from the effects of weathering and store at temperatures between 5 and 30 °C.  
Once opened, containers should be resealed immediately after each removal of the product.

## Safety

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Please refer to our safety data sheet for information relating to product safety.

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