

# WACKER® INITIATOR 651

## Silanes, Siloxanes & Silicates

WACKER® INITIATOR 651 is a formulation of an oligomeric benzpinakolsilylether in triethylphosphate and xylene (tech.). It is especially suitable for the initiation of radical polymerization reactions.

## Properties

- Radical polymerization starter activated by heat
- Endothermic, heat-controlled generation of radical starters, not autocatalytic
- Low benzophenone content (< 8 wt%)

WACKER® INITIATOR 651 is a saturated, yellow cloudy solution. It does not contain peroxides or azo compounds. The active component of WACKER® INITIATOR 651 is an oligomeric benzpinakolsilylether with a weak central C-C-bond due to sterically demanding phenyl substituents. When WACKER® INITIATOR 651 is heated, this C-C-bond is cleaved in an endothermic, controlled and reversible way to yield radicals. These radicals can initiate polymerization reactions of unsaturated monomers like vinyl monomers, acrylic compounds and other olefines. The typical temperature range is between 90 - 160 °C.

## Packaging and storage

### Packaging

200 kg drum

### Storage

The "Best use before end" date of each batch is shown on the product label. Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

WACKER® INITIATOR 651 must be stored in sealed original containers under cool and dry conditions and protected from light. A precipitation or a clouding during storing does not effect the product quality. In this case the contents of the drum must be properly stirred or otherwise mixed prior to use.

## Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

## QR Code WACKER® INITIATOR 651



### For technical, quality or product safety questions, please contact:

**Wacker Chemie AG**, Gisela-Stein-Strasse 1, 81671 Munich, Germany  
[productinformation@wacker.com](mailto:productinformation@wacker.com), [www.wacker.com](http://www.wacker.com)

The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.