

**Product Code**

AKQUIKE T300

**Description**

FIRSTCURE DMPT amine cure promoter is a liquid accelerator used to promote generation of free radicals from organic peroxide initiators in addition polymerizations. Free radicals are generated at or below room temperature by chemical reduction of the peroxide. These polymerizations include unsaturated polyester resin and acrylate systems. FIRSTCURE DMPT amine cure promoter is a colorless to light amber oil that tends to darken over time. It is sensitive to air and light, so the presence of either will tend to hasten discoloration. This discoloration does not affect purity and is important only where final product quality is affected by color. It is typically used in concentrations ranging from 0.1% to 0.5%.

**Physical Properties**

Appearance ..... colorless to light amber oil  
 Molecular weight ..... 135.23  
 Specific gravity @ 25 °C ..... 0.992  
 Boiling point, °C, @ 760 mm Hg ..... 210 - 211  
 Refractive index @ 20 °C ..... 1.5458  
 Flash point, °C (closed cup) ..... 83  
 Vapor pressure @ 72 °C, mm Hg ..... 5

**Specifications**

N,N-Dimethyl-para-toluidine (G.C.), %, min ..... 99.0  
 Other toluidines (G.C.), %, max ..... 1.0  
 Other organic impurities (G.C.), %, max ..... 0.5  
 Moisture (Karl Fischer), %, max ..... 0.1

**Safety and Handling Information**

For specific information on the safe handling of this product, please refer to the material safety data sheet. Copies are available upon request.

