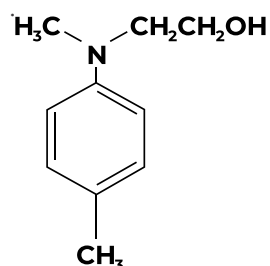


FIRSTCURE® MHPT Accelerator

CAS Number	2842-44-6
EINECS/EC	220-638-5
Molecular Formula	C ₁₀ H ₁₅ NO

APPLICATION

FIRSTCURE MHPT accelerator is an amine cure accelerator used to promote free radical generation by 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, vinyl ester, and acrylate systems. FIRSTCURE MHPT accelerator is either a low-melting-point white solid or a tan liquid depending upon storage temperature. 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 the final product quality is affected by color. It is typically used in concentrations ranging from 0.1% to 0.5%. Peroxide concentration varies with application but is typically around 1%.



SPECIFICATION

Property	Value
N-(2-Hydroxyethyl)-N-methyl-para-toluidine (GC), %, min.	95

PHYSICAL PROPERTIES

Property	Value
Appearance	white solid or tan liquid depending on storage temperature
Molecular weight	165.24
Specific gravity, liquid	1.026
Boiling point, 8mm Hg, °C	136 - 138
Melting point, °C	28 - 30
Solubility in water, mg/ml	3.3

HANDLING & STORAGE

Before handling or using this product, the material safety data sheet should be read and understood. This can be obtained from your Albemarle sales representative.

TRANSPORT & PACKAGING**Container Information**

55-gallon non-returnable steel drums (440 lbs/200 kg net)

6-gallon non-returnable steel pails (40 lbs/18.18 kg net)

Shipping Classifications

Proper shipping name:

OTHER INFORMATION

Further Related Documents

Safety Data Sheet

The information presented herein is believed to be accurate and reliable, but is presented without guarantee or responsibility on the part of Albemarle Corporation and its subsidiaries and affiliates. It is the responsibility of the user to comply with all applicable laws and regulations and to provide for a safe workplace. The user should consider any health or safety hazards or information contained herein only as a guide, and should take those precautions which are necessary or prudent to instruct employees and to develop work practice procedures in order to promote a safe work environment. Further, nothing contained herein shall be taken as an inducement or recommendation to manufacture or use any of the herein materials or processes in violation of existing or future patent.

Technical data sheets may change frequently. You can download the latest version from our website www.albemarle.com.

Please contact us at www.albemarle.com/contact with questions.