Capa™ Monomer

Description
- Caprolactone monomer is a colourless liquid with low viscosity.
- The lactone ring is relatively easily opened by compounds containing active hydrogen atoms such as alcohols. Each ring opening step forms a terminal, primary hydroxyl group.

Applications
- Particularly valuable as a flexibilising monomer in formulating thermosetting acrylic resins and unsaturated polyester gel coats.
- Can be used as a reactive diluent in epoxy resins.

Delivery forms
- Supplied in 200 kg HDPE drums and 1000 kg IBC’s.

Storage
- Caprolactone monomer is hygroscopic and slowly hydrolyses in the presence of water. It should therefore be stored in sealed containers at all times.

Typical properties
- Boiling point (with decomposition), °C: 232
- Melting point, °C: -1
- Viscosity (20 °C), cps: 6.67
- Specific Gravity (20 °C): 1.079
- Flash Point (closed cup), °C: 127
- Refractive Index, nD20: 1.4629
- Assay, %: Min. 99.9

The solubility parameter (δ) is 10.15 (cal/cm^3)^(1/2).

CAS no.: 502-44-3
EC (EINECS) no.: 207-938-1
HS no.: 29322985

Valid from: March 03, 2009