

## Cold-Box

## PRM DMEA

### Product Description

PRM DMEA is an amine used in gas phase that initiates the reaction between resins and Activators in the Cold-Box Process and allows the reaction to achieve rapidly.

### Applications

The above catalyst serve in curing urethane reactants. In order to minimize the amine consumption during the curing reaction, it is necessary to present a maximum reactive surface to the catalyst. In present gassing units, this is accomplished by creating a fog or a vapour from the catalyst. As a carrier gas for PRM DMEA can be used carbon dioxide and nitrogen.

In practice, the catalyst level based on the sand amount is 0.05 – 0.3 % - depending on the gassing system.

### Typical Data

Chemical Name	: Dimethylethylamin (DMEA)
Density (20°C)	: 0.660 g/cm <sup>3</sup>
Boiling Point	: 36.3 °C (OECD Test 103)
Flash Point	: -25 °C (closed cup)
Ignition Temperature	: 195 °C (Standard A15 (D.92/69/EEC))
Storage Life (15-20°C)	: 12 months
Package	: 130 kg steel drum

### Storage and Transportation

Keep the PRM DMEA in a cool place and sealed container. Do not expose to direct sunlight and heat. Prolonged exposure of PRM DMEA to temperature above 25 °C causes problems increased vapour pressure and dosing system.

### Safety Precautions

is inflammable. When using take care for well-ventilated places. Avoid contact with skin. In case of contact with skin, rinse with plenty of water and soap. In case of contact with eyes, rinse with plenty of water and call the oculist.

The above data on our products reflect the current state of our knowledge and experience. Due to the variety of possible applications, the content of this Product Data Sheet may not be considered as legally binding. Similarly, no liability resulting from possible third-party patents can be assumed.