



## Technical Data Sheet

# CELPOLY<sup>®</sup> WP200HS

## Cellulose Ether Hydroxypropyl Methyl Cellulose

CELPOLY<sup>®</sup> WP200HS is developed by CELPOLY<sup>®</sup> group with some modifications for water based painting.

**Product introduction**

Constitution	Hydroxypropyl Methyl Cellulose		
Appearance	White powder	Delayed solubility	Yes
Modification	Yes	Ionicity	None

**Product Specification**

Ash content	≤2.0 %	Moisture	≤5.0 %
Gelling Tem.	80-90 °C	PH Value	6.0-8.0
Viscosity	170,000-200,000	Methoxyl content	19.0-24.0 %
2% water solu., on dry basis, at 20°C, NDJ-4		Hydroxypropyl cont.	4.0-12.0 %

**Product properties**

Easy to work
Easier agitation
Good In-Can stability
Delayed dissolving
Good consistency

**Packing**

CELPOLY<sup>®</sup> is packed in 25 kg multilayer paper bag with intermediate layer and inner P.E. bag.

**Storage and Safety instructions**

When stored in closed containers, or in its original packaging in a dry place at room temperature, CELPOLY<sup>®</sup> can be kept for a long time. In the case of high viscosity grades, a slow loss of viscosity can be measured after lengthy storage (>1 year). CELPOLY<sup>®</sup> absorbs water from moist air. Once opened, package must be resealed and kept tightly closed.

Cellulose ethers constitute a dust explosion hazard. Dust formation and deposits must be kept to a minimum so that no ignitable dust/air mixtures can form. Ignition sources such as naked flames, hot surfaces, spark and static electricity should be avoided. CELPOLY<sup>®</sup> starts to decompose at about 200°C. Its ignition temperature is >360°C. It burns easily and the fire may spread.