

# Midso Chemical Industry

Website: [www.midsogroup.com](http://www.midsogroup.com)  
E-mail: [info@midsogroup.com](mailto:info@midsogroup.com)

Tel.: +98-(021)-22924725  
Fax: +98-(021)-22901825



## Product technical data sheet

### MIDMIC CC5

MIDMIC CC5 is a low viscosity Carboxymethyl Cellulose designed for application in tile and ceramic industry. This material is dispersible in cold and hot water.

### Specification

Viscosity (2%)	: 40-65 c.p.
Viscosity at 25°C (Brookfield LV)	
DS	: 0.65 – 0.8
Humidity	: max 8%
Purity	: 90-95%
pH	: 6.5 – 8.5

### Packaging

MIDMIC CC5 is packed in FFS three layer Polyethylene bags. Net weight is 20 kg. We recommend emptying the bags from the bottom. The empty bags can be recycled or burned.

### Application

Carboxymethyl cellulose can be used in tile, sanitary porcelain industries as a binder and in glaze and engobe as a thickener. This material in the ceramic and tile industry is a stabilizer,

preservative, absorbent of water, layer forming agent and donor concentration and improvement agent for strength. This material improves covering ability of glaze and also improves the adhesion strength between glaze and ceramic.

### Safety instructions, Storage and Shelf Life

Like many industrial processed powdery materials, Carboxymethyl Cellulose dusts are combustible and can cause dust explosions. Dust formation must be avoided or kept to a minimum. Care should be taken to prevent ignition from heat, spark, open flames or hot surface. In unopened bags, under cool, dry condition in original packaging, MIDMIC CC5 can be stored for at least 2 years. In opened bags, the moisture content of MIDMIC CC5 will be influenced by the air humidity.

---

The above information is best to our knowledge and provided for manufacturing purposes. Midso makes no warranty or guarantee concerning the handling, use or application of such product whether alone or in combination with other products in case an unexpected events occur. Users are advised to make their own tests to determine the suitability and performance of the product.