

Technical Data Sheet NR 10443

ANTI-YELLOWING CATALYST FOR WATER BASED POLYURETHANE - PROVISIONAL TDS

Creation date: 03/03/2008 Revision date: 16/2/2011, version 2

ICA S.p.a. Via S. Pertini n. 52, Zona Ind.le A 62012 Civitanova Marche (MC) - Italy
Tel. +39 0733 8080 Fax. +39 0733 808140

PRODUCT: CA508 ANTI-YELLOWING CATALYST FOR WATER BASED POLYURETHANE

DESCRIPTION: anti-yellowing catalyst for water based polyurethane

SPECIFICATIONS OF SUPPLIED PRODUCT

Physical state: colourless liquid
Solid content %: 70 \pm 2

APPLICATION: the incorporation of CA508 into the first component must be done mechanically, that is, using a drill or a whisk with a toothed spindle. Dispersion must last at least 30-60 seconds and the spindle must reach a speed of 1000 rpm. Avoid too high a speed and too long dispersion times as this could cause air to become trapped in the product which is difficult to eliminate. We recommend that the turbine diameter is 1/3 of the container's diameter. The result is a vortex that will allow CA508 to be perfectly amalgamated into the paint.

Good dispersion of the catalyst into the first component will guarantee a film of the maximum performance quality.

CA508 can also be dispersed manually, mixing very carefully and vigorously.

If not carried out correctly, the dispersion can lead to the formation of haloes and fish eye, and a film of paint with bad characteristics.

SHELF LIFE AT 20°C: 12 months in correctly stored unopened tin

NB:

CA508 can not stand humidity. Close the container very well after use.

CA508 is a colourless liquid. If it becomes cloudy the product can not be used as it has lost some of its properties.

SPECIFICATIONS OF SUPPLIED PRODUCT

CHARACTERISTICS	UNITS	VALUE	METHOD
Specific gravity at 20°C:	g/ml	1.14 \pm 0.05	MP01
Visc. F.C. 4 at 20°C:	sec	55 \pm 15	MP04

The quality control value of the viscosity refers to the product immediately after checking. Any variations of the data specified in the technical data sheet could be due to circumstances such as length and conditions of storage.

Always verify the suitability of the product for the job to be done before application. We can not accept responsibility for the outcome.

The information contained in this technical data sheet, as well as any verbal information, is given to the best of our knowledge. We do not accept responsibility for obsolete or incorrect information. The information is to be considered obsolete when a new technical data sheet is issued. Please feel free to contact us to request the latest edition.