

Camdate OF

Synonyms

Orthoformic acid triethyl ester
Ethylorthoformate
Triethyl orthoformate
Triethoxymethane
CAS No: 122-51-0

Use

Stabiliser and Moisture Scavenger
in polyurethane coatings.
Predominantly used in moisture-curing
Polyurethane one-pack coatings and also
in conjunction with Camdate TI in
two-pack Polyurethane coatings.

Safety

See Camida MSDS

Packing

25kg Net Drum
Other packing options may be available upon request.

Description

Stabiliser and Moisture Scavenger.

Physical & Chemical Properties

EINECS No: 204-550-4
Density (@ 20°C): 0.900 DIN 51757
Form: Liquid
Colour: Colourless
Odour: Ester-like
Flash point: 35°C DIN 51584

Quality

See Camida Product Data Sheet CAM11750

Application/Formulation

The optimum addition should be determined by series testing.

Suggested additions

Moisture curing one-pack varnishes:

Approx 1%-3% on total formulation

Moisture curing one-pack pigmented coatings:

Camdate OF Approx 1%-2% on total formulation

Two-pack Polyurethane coatings

Camdate OF Approx 1%-2% on total formulation

Start Point Formula

Camdate TI	2.04 *
Xylene	11.76 *
Aliphatic Isocyanate (100% Solids)	85.18 *
Camdate OF	1.02 *
	100

* Parts by Weight

Camdate OF & Camdate TI will react with each other; therefore avoid direct contact between the two products.

The two products can be used in combination to obtain better stabilisation characteristics. A ratio of 2 parts TI: 1 part OF is suggested. When the two products are to be used in the same formulation, the preferred method is to use the Camdate TI to stabilise the coating prior to adding the Camdate OF. Adding OF before stabilisation with TI will reduce its effectiveness.

Further Information

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