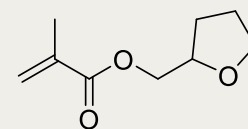


Product Information
VISIONER® THFMA



Tetrahydrofurfuryl methacrylate

CAS-No.: 2455-24-5

Quality on supply

Appearance: clear, colorless to slightly yellowish liquid

Odor: ester-like

Standard specification

		Test Method	
Degree of purity	min. 98.0 %	M2-178	(GC)
Acid content	max. 0.05 %	M4	(acid-base titr., calculated as GMAA)
Water content	max. 0.10 %	M3	(according to K. Fischer)
Color	max. 100	M5	(Pt-Co)
Stabilization	100 ± 10 ppm MEHQ and	M1-1	(HPLC)
	150 ± 15 ppm BHT*	M1-4	

* 2,6-Di-tert.-butyl-4-methylphenol

Following data are not part of the product specification but serve as benchmarks.

Physical Data

Molecular weight	170.2 g/mol
Density	1.042 g/cm ³ (20 °C), (DIN 51757)
Refractive index	1.451 (20 °C)
Boiling point	222 °C (1,013 hPa), (OECD 103)
Melting point	-113 °C (OECD 102)
Vapor pressure	0.27 hPa (20 °C)
Viscosity (kinematic)	2.74 mm ² /s (20 °C), DIN 51562
Ignition temperature	240 °C (DIN 51794)
Flash point	99 °C (ASTM D 93 / Pensky Martens Closed Cup)
Solubility in water	19 g/l (20 °C), (OECD 105)

Registration

REACH	registered
included in TSCA	+

General Hints

For information about health protection and shipment see our Safety Data Sheet

Application

Polymerization and copolymerization in bulk, emulsion and solution. Base material for the paint, leather, paper and textile industries.

Shelf life of the standard stabilized product: 6 months at max. 30 °C from date of delivery

Ref.-No.: VISIOMER® EMA / AM 002-e – 04/2018

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* = registered trademark

Evonik Operations GmbH
Specialty Methacrylates
Kirschenallee
64293 Darmstadt
Germany

visiomer@evonik.com
www.visiomer.com
www.evonik.com