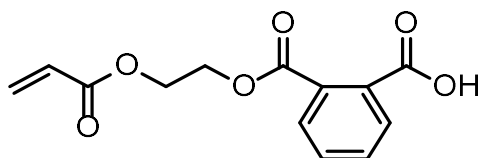


ARONIX[®] M-5400

Acryloyloxyethyl Phthalic acid

Chemical structure



Acryloyloxyethyl Phthalic acid

Description

Molecular Weight: 264 (Main component)

Functionality: 1

Appearance: Liquid

Product data

Color (APHA)	-
Viscosity (mPa·s/25°C)	4,000~7,000
Residual (%)	<0.1
Acid value (mgKOH/g)	190~220
Relative density (/°C)	1.275/25
Surface tension (mN/m)	54.5
Reflective index (nD25)	1.530

Features

- Monomer of containing-COOH group
- Soluble in alkaline solution

Application

- Resist
- Adhesive
- Pressure sensitive adhesive
- Coating
- Monomer for copolymerization

Safety data

P.I.I.	4.7
Flash point (°C)	140 Open – cup
Inhibitor as MEHQ (ppm)	310

Properties of cured film

Tensile strength (kg/cm ²)	39
Elongation (%)	5
Tg (°C)	-
Relative density (/°C)	1.346/25
Cure shrinkage (%)	5.25
Shore hardness	D30 A62

Registration

Japan (METI)	Listed
USA (TSCA)	Listed
EU (REACH)	Not supported
China (IECSC)	Listed
Korea (ECL)	Not supported
K-REACH	Not supported
Taiwan	Listed

Package

18kg C/N
200kg D/M

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