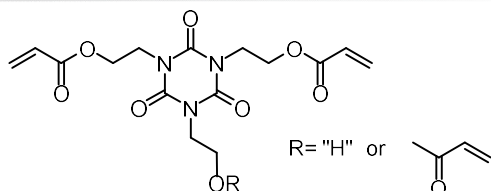


ARONIX[®] M-313

Tris (2-hydroxyethyl isocyanurate) di/triacrylate

Chemical structure



Tris (2-hydroxyethyl isocyanurate)
di/triacrylate (Diacrylate 30~40%)

Description

Molecular Weight: 369 (diacrylate)

423 (triacrylate)

Functionality: 2 or more

Appearance: Waxy solid or liquid

Product data

Color (APHA)	≦ 100
Viscosity (mPa·s/25°C)	20,000~36,000
Residual (%)	≦ 0.1
Acid value (mgKOH/g)	≦ 1.0
Relative density (/°C)	1.292/25
Surface tension (mN/m)	-
Reflective index (n _D 25)	1.509

Properties of cured film

Tensile strength (kg/cm ²)	35
Elongation (%)	0~5
Tg (°C)	>250
Relative density (/°C)	-
Cure shrinkage (%)	-
Shore hardness	-

Features

- Fast cure
- Monomer of containing-OH group
- Good adhesion(plastics)

Application

- Coating
- Raw material for urethane acrylate
- Adhesive
- Pressure sensitive adhesive
- Optical material
- Resist

Safety data

P.I.I.	0.0
Flash point (°C)	180°C (Polymerized) Open – cup
Inhibitor as MEHQ (ppm)	550

Registration

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

Package

18kg C/N
200kg D/M

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