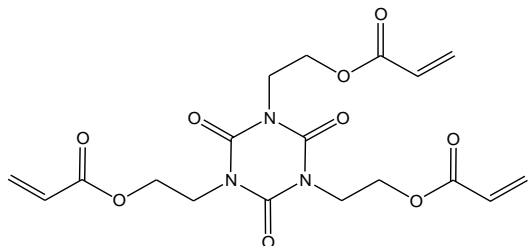


KOMERATE T005LQ



- Tris(2-hydroxy ethyl)isocyanurate Triacrylate (THEICTA)
- CAS No. 40220-08-4
- Functionality : 3
- MW 423

Property

Contents	Specification	Remark
Appearance	Liquid	Visual
Color	Max. 100	APHA No.
Viscosity	16,000~22,000	cps @ 25°C
Refractive Index	1.502~1.506	@ 25°C
Specific Gravity	1.29	@ 25°C
Surface Tension	39.6	dyne/cm @ 20°C
Tg	245	°C by DSC
UV Curing 1*	Good	120W, Hg
UV Curing 2**	Normal	365nm LED
UV Curing 3**	Normal	395nm LED

- Curing Condition* : 5m/min, photoinitiator I-184
- Hg light intensity : 680mJ/cm², 320mW/cm²
- 365nm light intensity : 960mJ/cm², 2,400mW/cm²
- 395nm light intensity : 1,400mJ/cm², 3,000mW/cm² (Good-1pass, Normal-2pass, Bad-3pass↑)
- Normal means that it was cured after 1 pass but suspended on the surface

Key Features

- Good Adhesion
- Good Scratch Resistance
- Good Chemical Resistance
- Good Wetting
- High Reactivity
- High Tg (245°C)
- Excellent Surface Hardness

Registration Status

Korea (ECL)	Listed
USA (TSCA)	Listed
Europe (EINECS)	Listed
Japan (MITI)	Listed
China (IECSC)	Listed

Suggested Applications

- Coatings : metal, plastic, paper, wood
- Ink : flexography, screen, offset, lithography
- Elastomer and Rubber

Storage and Handling

- Product should be stored in a cool, dry place, away from direct sunlight. The containers should be kept sealed and if opened should be resealed tightly.
- Avoid direct exposure to the eyes and skin.