



## DESCRIPTION

Name: TMDI Urethane Dimethacrylate

Synonym: UDMA

## HIGHLIGHTS

U-471 is a methacrylate modified urethane monomer that has low color and low cure shrinkage. U-471 is often used in light cure dental applications. Unlike BisGMA or EBDMA, it is not based upon a Bisphenol A backbone and therefore does not exhibit estrogenic behavior and does not have the potential to act as an endocrine disruptor.

## TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

PROPERTY	RESULT
Appearance at Room Temperature	Slightly yellow liquid
Molecular Formula	C <sub>23</sub> H <sub>38</sub> N <sub>2</sub> O <sub>8</sub>
Molecular Weight	470.6 daltons
Viscosity @ 25°C	8,000 cP
Refractive Index @ 20°C	1.484
CAS Registration Number	72869-86-4
Recommended Storage Temp	5°C or below

*Data is for reference only and may vary depending on testing method used. The structure shown above is an idealized representation of a statistical distribution.*

## RECOMMENDED FORMULATION USE:

U-471 is recommended for use as a base resin in dental applications.

## CONTACT:

### REQUEST A SAMPLE OR PLACE AN ORDER

Customer Support

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REF: DMI Part Number: R1228