

# Encapso® K

Rubber

Smooth-On, Inc

## Message:

Encapso® K is a water clear encapsulation rubber that looks just like water and is ideal for a variety of encapsulation and display applications.

How Does Encapso® K Work? - Two clear liquids (Part A and Part B) are mixed together in equal amounts. The mixture is then poured around artificial flower stems or over an object. Mixture turns from liquid to a solid, soft rubber over night. When cured, Encapso® K looks just like water and will last a long time.

Encapso® K Advantages:

Non-hazardous - no dangerous chemicals

Soft, Clear Rubber Lasts a long time

Easy to use - mix two liquids in equal amounts and pour

UV Resistant

Cures without generating any dangerous heat or fumes

Minimal Bubble Entrapment

Cures perfectly clear - looks just like water

Cured rubber can be removed from object

Applications for Encapso® K - This rubber is perfect for encapsulating artificial flower stems for creating lasting floral displays. You can also pour

Encapso® K around just about any inanimate object to encapsulate for display. You can also create a variety of display props and novelty items.

Encapso® K can be used to create water/pond effects for small scale model environments. Fully cured Encapso® K can also be crumbled to look like broken glass, diamonds or ice. Add color to Encapso® K with Silc Pig® or Ignite® liquid color pigments.

General Information			
Features	Good UV Resistance		
	High Clarity		
	Soft		
Appearance	Clear/Transparent		
Forms	Liquid		
Processing Method	Encapsulating		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.968	g/cm <sup>3</sup>	ASTM D1475
Specific Volume	1.03	cm <sup>3</sup> /g	ASTM D1475
Mixing Ratio	1A:1B by volume or weight		
Molding Shrinkage - Flow	0.50	%	ASTM D2566
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	20		ASTM D2240
Thermoset	Nominal Value	Unit	Test Method
Pot Life (23°C)	60	min	ASTM D2471
Thermoset Mix Viscosity	500	cP	ASTM D2393
Demold Time (23°C)	1400	min	

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