

# Chrysotile v. Amphiboles

## In Vitro Dissolution

	<u>ng/cm/hr</u>	<u>Days to dissolution</u>
Chrysotile	0.5	12,500
Amphiboles	0.2	25,000

## In Vivo Biopersistence

<u>f &gt; 20 <math>\mu</math>L</u>	<u>WT <math>\frac{1}{2}</math> (days)</u>
Chrysotile	1-3
Amosite	~400
Crocidolite	~800

# Cancer in Animals

## Hamsters

	<u>Exposure</u> WHO f/cc	<u>Lung Cancer</u>	<u>Mesothelioma</u>
Chrysotile	3,000 ± 140	ND	ND
Amosite	36 ± 6	ND	3/83
	165 ± 61	ND	22/85
	263 ± 90	ND	17/87

## Rats

Chrysotile	10,600 ± 1140 (24 mo)	13/69	1/106
Crocidolite	1,610 ± 989 (10 mo)	14/106	1/69