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Lewco CMS Fiber Products

**Calcium, Magnesium, Silicate Fiber
(Bio Soluble)**

CMS Fiber Products are manufactured using an Amorphous Calcium, Magnesium, Silicate (alkaline-earth-silicate greater than 18%) fiber which is soluble in body fluids. CMS Fiber Products are made from a long, spun fiber yielding an excellent thermal conductivity and stability. These products are manufactured in an ISO 9001-2000 and ISO 14001-1996 Quality Control System.

Product Line: Blanket, Board, Bulk, Paper

Chemical Analysis of the Fiber

SiO ₂	57-67%
CaO	29-32%
MgO	3-4%
Impurities	0.5-2%
Color	White
CAS#	436083-99-7
Melt Temperature	2300°F
Shrinkage	1800°F – 3%
Solubility in Water	None
Packaging	Cartons & Woven Bags

This product has been subjected to limited testing. Available scientific literature suggests that alkaline earth oxides greater than 18% by weight are highly soluble and do not produce respiratory disease in animal studies. Although reasonable care has been taken in the preparation of the information contained here, Lewco Specialty Products, Inc. extends no warranties and assumes no responsibility as to the accuracy or suitability of such information for application to purchasers intended purposes or for consequences of its use.

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