

U.S. Department of Labor

Mine Safety and Health Administration
Bruceton Safety Technology Center
Cochrans Mill Road
P.O. Box 18233
Pittsburgh, Pennsylvania 15236



March 21, 1990

MEMORANDUM FOR: DISTRICT MANAGERS
Coal Mine Safety and Health

THROUGH : STEPHEN G. SAWYER *SGS*
Chief, Industrial Safety Division

FROM : STEVEN J. LUZIK *SJL uzik*
Supervisory Chemical Engineer

SUBJECT : Suitability of Micon Krush Block for squeeze block
applications

Micon Krush Block, distributed by Micon, 1900 Andrew St., Homestead, PA 15120, has been judged to be suitable for use in construction of mine stoppings subjected to heaving conditions.

The blocks have demonstrated in excess of a 1-hour fire rating when subjected to our informal gallery fire test.

They need not be coated for fire resistance, but a thin coating of any generally-approved sealant, applied across the joints and around the perimeter, is recommended to control air leakage.

The blocks, when built into the stopping, should be a minimum of 8-inches thick to ensure adequate fire resistance. Thicker units are acceptable.

Quantities of Micon Krush Block, used in conjunction with masonry blocks, should be limited to only an amount necessary to prevent the stopping from fracturing or leaking air when exposed to convergent conditions.

Attachment

cc: Mr. Jay Popovich (w/attach.)
MICON