

# MEYCO<sup>®</sup> MP 367 Foam

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## Highly reactive, 2-component fire resistant urea-silicate injection foam for cavity filling and consolidation of strata

### Product description

MEYCO<sup>®</sup> MP 367 FOAM is a 2-component, solvent-free urea-silicate foam specifically designed for rapid cavity filling and for coal and rock strata consolidation.

Component B: 30.6kg PE canisters  
250kg steel drums  
1175kg SX-EX containers

Special packaging for coal mining upon request

### Fields of application

- Void and cavity filling in underground construction, tunnelling and mining (to avoid water or gas accumulation)
- Consolidation of fractured rock, sands, gravels and coal
- Stabilisation of cavities in tunnels
- For mine and ventilation seals in coal mines
- Pre-injection in TBM tunnel

### Technical data

	Colour	Viscosity mPa.s	Density kg/m <sup>3</sup>
Component A	Colourless	70	1400
Component B	Pale brown	170	1250
Viscosity tested at 23°C, Density at 20°C			

Flash point: A non applicable, B > 200°C

Mix. ratio A:B : 1:1 by volume (100 : 89 by weight)

### Features and benefits

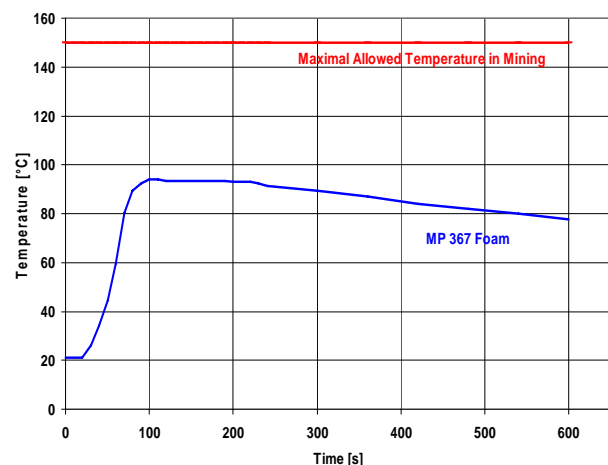
- MEYCO<sup>®</sup> MP 367 FOAM neither expands its volume with water nor absorbs water
- Predominant closed foam cells
- Shows good adhesion to wet substrates
- Very fast reacting material applied where foaming speed, flexibility and flame retardant properties are required
- Good chemical stability

### Reaction characteristics:

Testing temp.	23°C
Start of foaming	20s ± 10s
End of foaming	40s ± 15s
Foam ext. factor	up to 30
Foam density	minimum 45 kg/m <sup>3</sup>



### Temperature development during foaming reaction:



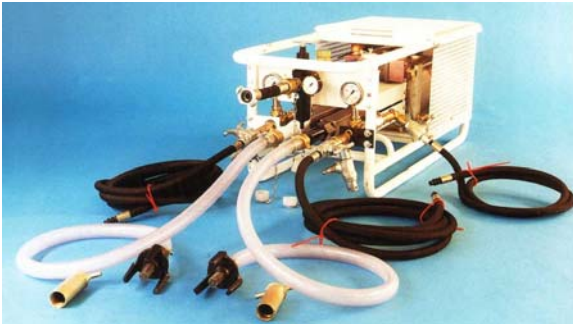
### Packaging

MEYCO<sup>®</sup> MP 367 FOAM is available in the following packaging:

Component A: 34kg PE canisters  
284kg steel drums  
1335kg SX-EX containers

## Application procedure

Components A and B are delivered ready-to-use. They are injected in the proportion of 1:1 by volume using a two component injection pump equipped with a static in-line mixer nozzle, as shown below.



## Special Requirements

Please Note: The curing reaction time is significantly dependent on the temperature of the resin and the injected strata. Please store both components prior to application at a minimum temperature of 15°C.

To achieve the best mixing of the components during injection and cavity filling, the inclusion of a static in-line mixer in connection with the mixing head or in the packer is essential. The length of the static mixer should be approximately 320 mm for correct mixing.

## Cleaning of injection equipment

For short breaks in injection, pump only Component A through the in-line static mixer nozzle. After injection and prior to storage of the equipment, pump water through the injection line of Component A and clean engine oil through the pump and injection line of Comp B. For cleaning, a flushing agent for polyurethane resin should be used.

## Storage

If stored in dry conditions, in unopened, tightly closed original containers and within a temperature range of +5°C and +35°C, the components of MEYCO® MP 367 FOAM have a shelf life of 12 months.

**Caution: Component A is frost sensitive! Complete material must be defrosted.**

## Safety precautions

Refer to the Material Safety Data Sheet for safety measures:

MEYCO® MP 367 Foams – Component A  
MEYCO® MP 367 Foams – Component B

Avoid contact with skin and eyes by using the required personal protective equipment, such as overalls, gloves and eye goggles.

If contact with skin occurs, wash thoroughly using soap and water. If contact with eyes occurs, rinse thoroughly with an eyebath filled with water and seek medical advice.

The cured products are harmless.

Uncured products should be prevented from entering local drainage system and water courses. Spillage must be collected using absorbent materials such as sawdust and sand, and dispose of in accordance with local regulations.

The information given here is true, represents our best knowledge and is based not only on laboratory work but also on field experience. However, because of numerous factors affecting results, we offer this information without guarantee and no patent liability is assumed. For additional information or questions, please contact your local UGC representative.

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