

# MasterRoc<sup>®</sup> MP 23 I CLN

## Cleaning and Flushing Agent for Chemical Grout Injection Pumping Equipment

### Description

MasterRoc MP 23 I CLN product is an organic-based solvent that is non-flammable and is free of water. It is suitable for cleaning injection pumps, lines, and other associated equipment.

### Applications

MasterRoc MP 23 I CLN product can be used to flush out the residues of uncured liquid polyurethane and polyurea silicate injection grouts in order to clean the injection pumps, hoses, nozzles, and other associated equipment. MasterRoc MP 23 I CLN product is suitable for both single-component and two-component injection equipment.

### Features

- Effective for polyurethane and polyurea silicate based injection materials
- Made with organic, non-hazardous materials
- Flash point 414 °F (212 °C)

### Benefits

- Extends the service life and reduces the maintenance rates of equipment
- Environmentally preferable and safe for the users

### Performance Characteristics

#### Technical Data (Typical Values)

Color	Clear liquid
Density (68 °F (20 °C))	8.2 lb/gal (0.98 kg/L)
Viscosity (77 °F (25 °C))	65.8 mPa.s (65.8 cP)
Pour point	< -49 °F (-45 °C)
Flashpoint (DIN 53213)	414 °F (212 °C)

### Application guidelines

After the injection work is complete, pump MasterRoc MP 23 I CLN product through the injection equipment until the uncured polyurethane or polyurea silicate material is flushed out. Additional circulation of MasterRoc MP 23 I CLN product is recommended subsequently.

Hardened polyurethane and polyurea silicate materials must be removed mechanically before applying MasterRoc MP 23 I CLN product.

Application temperature: Between 15 °F and 300 °F (-10 °C and 150 °C)



## Storage and Handling

**Storage:** The storage temperature of MasterRoc MP 231 CLN product is between 40 °F and 95 °F (5 °C and 35 °C). Keep MasterRoc MP 231 CLN product from freezing and protect from direct sunlight. MasterRoc MP 231 CLN product should be kept in the original container. Keep container tightly closed and dry.

**Shelf life:** When stored properly, MasterRoc MP 231 CLN product has a shelf life of 12 months.

**Safety:** : Standard precautions for handling chemical products should be observed. Avoid contact with skin and eyes by using the required personal protective equipment such as overalls, gloves and safety glasses. If contact with skin occurs, wash thoroughly using soap and water. If contact with eyes occurs, rinse thoroughly with water and seek medical advice. Please refer to the Safety Data Sheet for further safety measures.

## Packaging

MasterRoc MP 231 CLN product is available in 5 gal (19 L) pails and 55 gal (208 L) drums.

## Related Documents

Safety Data Sheets: MasterRoc MP 231 CLN product

## Additional Information

For additional information on MasterRoc MP 231 CLN product, contact your local sales representative.

*Master Builders Solutions creates technologies for the construction industry inspiring people to build better. We are active in ~40 countries and operate 35 production sites with over 1,600 employees. We develop, produce, and market high-quality chemical admixtures, as well as adjacent core technologies, to master the challenges of today and support a decarbonized future. Our people are pivotal and pair leading technologies and a strong brand heritage to surpass our customers' expectations and drive continuous value creation.*

## Limited Warranty Notice

Master Builders Solutions Admixtures US, LLC ("Master Builders Solutions") warrants this product to be free from manufacturing defects and to meet the technical properties on the current Technical Data Guide, if used as directed within shelf life. Satisfactory results depend not only on quality products but also upon many factors beyond our control. MASTER BUILDERS SOLUTIONS MAKES NO OTHER WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO ITS PRODUCTS. The sole and exclusive remedy of Purchaser for any claim concerning this product, including but not limited to, claims alleging breach of warranty, negligence, strict liability or otherwise, is shipment to purchaser of product equal to the amount of product that fails to meet this warranty or refund of the original purchase price of product that fails to meet this warranty, at the sole option of Master Builders Solutions. Any claims concerning this product must be received in writing within one (1) year from the date of shipment and any claims not presented within that period are waived by Purchaser. MASTER BUILDERS SOLUTIONS WILL NOT BE RESPONSIBLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDING LOST PROFITS) OR PUNITIVE DAMAGES OF ANY KIND.

Purchaser must determine the suitability of the products for the intended use and assumes all risks and liabilities in connection therewith. This information and all further technical advice are based on Master Builders Solutions' present knowledge and experience. However, Master Builders Solutions assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights, nor shall any legal relationship be created by or arise from the provision of such information and advice. Master Builders Solutions reserves the right to make any changes according to technological progress or further developments. The Purchaser of the Product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with a full application of the product(s). Performance of the product described herein should be verified by testing and carried out by qualified experts.