

# MasterRoc<sup>®</sup> BSG 11

## Main Bearing Sealing Grease (Excluder Grease) for Tunnel Boring Machines (TBM)

### DESCRIPTION

**MasterRoc BSG 11** is an excluder grease for tunnel boring machines. It effectively protects the main bearing and prevents soil, water or dust ingress into the main bearing sealing. It is formulated to resist high water and ground pressures, and has excellent lubrication and pumping properties as well as excellent adhesion to all surfaces.

### FEATURES AND BENEFITS

- Excellent sealing and anti-washout properties
- Excellent adhesion to any metal or concrete surfaces
- Excellent pumping and lubricating properties especially at very low or very high temperatures

### PACKAGING

**MasterRoc BSG 11** is available in standard 230kg and 60kg steel drums for press plate pumps.

### TECHNICAL DATA\*

Form	Homogenous paste, fibrous
Colour	Black
Odour	None
Density [kg/m <sup>3</sup> ] 20°C	1150 ± 50
Consistency ISO 2137 [1/10 mm]	250-280
4-ball wear DIN 51350:5 [mm]	< 0.9
Water wash out (38°C) ISO 11009 [%]	< 6
Water spray off (38°C) ASTM D 4049 [%]	< 4
Water resistance DIN 51807/1	0-0
Sealing elastomer compatibility	approved by Merkel, J. Walker
Flash point (base oil)	> 290°C
Biodegradation	inert

### STORAGE

**MasterRoc BSG 11** should be stored at 5 - 35°C. If stored in original tightly closed drums it has a shelf life of 12 months.

### SAFETY PRECAUTIONS

**MasterRoc BSG 11** is not hazardous and poses no threat to worker safety or the environment. However, it is recommended that all normal precautions be taken when handling the product, such as the use of eye protection and gloves.

\* Properties listed are based on laboratory controlled tests.

® = Registered trademark of the BASF-Group in many countries.



We create chemistry

# MasterRoc<sup>®</sup> BSG 11

---

**BASF\_CC-UAE/Roc\_BSG11/v1/10\_13**

**STATEMENT OF RESPONSIBILITY**

The technical information and application advice given in this BASF publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

**NOTE**

Field service where provided does not constitute supervisory responsibility. Suggestions made by BASF either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not BASF, are responsible for carrying out procedures appropriate to a specific application.

**BASF Construction Chemicals UAE LLC**  
P.O. Box 37127, Dubai, UAE  
Tel: +971 4 8090800, Fax: +971 4 8851002  
[www.master-builders-solutions.basf.ae](http://www.master-builders-solutions.basf.ae)

**Disclaimer:** the LRQA mark relates to certified management system and not to the product mentioned on this datasheet



**MASTER<sup>®</sup>**  
**» BUILDERS**  
**SOLUTIONS**