

MOSILBOND - 100

Bonded Lubricant

This is a suspension of microsize Molybdenum Disulphide in a binder-solvent system of resinous nature to achieve a bonded lubricating film over various surfaces. It can be cured by Air drying (24 hrs) or by curing @120°C for 30 minutes in an oven

BENEFITS

- Flexible coating convenience
- Antiseize Protection of threaded joints and flanges operating at high temperatures.
- Operates under extremes of temperatures.
- Prevents scoring and galling at High Temperatures
- Reduces maintenance downtime.

Note:

Ensure that container is stirred well prior to application. It is recommended that continuous stirring be done when coating is applied by Dip or Spray Method. Kindly cure the coating for 24 hours at ambient temperature or 30 minutes at 120°C. Please ensure that till the curing is complete, the coated surface is free from any ambient dirt, dust or any other abrasive particles which may lead to scratch marks.

PACKING: 5 Ltr Can, 500 ml A/Tin

Owing to evolving packaging solutions, user is requested to kindly check the availability of a specific pack size prior to standardization.



PRODUCT BULLETIN

Sr	<u>CHARACTERISTICS</u>	<u>TYPICAL VALUES</u>
1.	Colour (Visual)	Dark Grey to Greyish Black
2.	Binder	Organic
3.	Temperature Range	-70°C to + 400°C
4.	Density, 15°C ASTM D - 1298	1.1 - 1.5
5.	Drying Time	Approx. 5 minutes @ Room Temperature
6.	Curing Time	Approx. 24 hours @ Room Temperature 30 minutes @ 120 °C
7.	Adhesion	Good, even on relatively smooth surfaces
8.	Coating thickness	3 to 10 microns depending on the number of coats applied.

Material Safety Information required for safe usage of this product may not be included in this product bulletin and may be sought by contacting MOSIL. Users are advised to go through the Material Safety Data Sheet (MSDS) of this product prior to application / usage of this product.

All statements and information contained in this document are based on the laboratory testing and user experience on actual applications. Owing to the exhaustive possibility of application for which this product may be used and the variety of equipments, performance parameters, environmental conditions and unpredictable human factors, we strongly recommend that this product be tested on the actual application prior to its standardization. All information contained herewith is offered in good faith but without any expressed or implied warranty. This Product Bulletin may already have been revised considering the availability of raw components, legislation, user experience & expectations and enhancement of knowledge of the development team of MOSIL. Users are requested to kindly seek the latest version of this product bulletin by contacting MOSIL. Information provided in this Product Bulletin is based on the generalised expectations and requirements of users. Additional information for this product may also be sought by contacting MOSIL.

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