

HYLOMAR ADVANCED FORMULATION

Solvent free version of Hylomar Universal Blue

Description

Hylomar Advanced Formulation is ideally suited for use as a gasket dressing, and flange sealant. It will enhance the sealing capability of all types of gaskets and flanges. It will assist with alignment during assembly. The compound has excellent rheological properties, combined with resistance to most automotive fluids and many other chemicals. Being a non-setting and non-hardening compound it also has excellent resistance to joint vibration, shock and differential thermal expansion.

Physical Properties

Colour	Blue
Specific Gravity (ASTM D4659)	1.16-1.20
Viscosity Spindle No 6 @ 2.5 rpm. 25°C(77°F). (BS 5350: Part B9)	250,000 (±50,000) mPa.s
Solubility in Water	None
Flash Point (ASTM D92)	195°C (383°F)
Auto Ignition (ASTM E659)	429°C (804.2°F)
Appearance	Non setting paste
Typical temperature range	-55°C to 250°C (-67°F to 482°F)
Typical Surface Finish	2.0 µm Ra
Area covered by 100 g	2.0 m ²
Shelf life	Minimum of 3 Years when stored in the original unopened container between 5°C to 25°C (41°F to 77°F)

Instructions for use

Hylomar Advanced Formulation is a mobile product and can be applied from a tube or cartridge using hand pressure. The compound may be applied by hand from a cartridge using a suitable applicator or by using automated dispensing equipment.

After applying to the joint surface, parts can be assembled immediately or may be left indefinitely before making the joint.

Hylomar Advanced Formulation can be removed from dismantled components by rubbing with a cloth soaked with Acetone. No scraping is necessary.

Typical Applications

Hylomar Advanced Formulation has been designed to seal close fitting flanges against most lubricants and automotive fluids. Although this material has many potential general engineering applications, it is currently being used for the sealing of components such as cylinder liners to engine block, cylinder head cam caps, electric motor end plate covers, fuel injector gland nuts.

Unlike Hylomar Universal Blue, Advanced Formulation will not have a film thickness between the flanges as it is a mobile product. It is designed to fill and seal all the surface imperfections in the flanges surfaces. Any resultant film thickness will depend entirely on the engineered texture of the flange mating surfaces

Information given in this publication is based upon technical data gained in our own and other Laboratories and is believed to be true. However the material is used in conditions beyond our control thus we can assume no liability for results obtained or damages incurred through the application of the data present herein.

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HYLOMAR®

Handling and Safety Properties

Hylomar Advanced Formulation is classed as a non-hazardous product.
Please see product safety data sheet for more information.

Packaging

Hylomar Advanced Formulation is available in 85g (3oz) tubes, 300ml (10.14fl.oz) cartridges and 20kg (44.1lbs) pails. For further details please contact our sales department.

Hylomar Advanced Formulation is also available in a high viscosity version for industrial applications and use as a stand alone gasketing compound for suitable flanges.

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