

TECHNICAL DATA SHEET

PRODUCT : "BULLDOG" GASKET SHELLAC COMPOUND



PRODUCT DESCRIPTION

"Bulldog" Gasket Shellac Compound is a specially prepared heavy bodied liquid compound for application on all types of automotive and other machinery gaskets and also for joining of threaded pipe joints. It resists the action of petrol, grease oil and water.

COMPOSITION

It is a solution of natural products such as Shellac, Rosin etc.in Spirit.

APPLICATION AREAS

In automotive, on head gaskets, pump gaskets, timing chain cover gaskets, gear box and differential gaskets etc. On machinery such as pumps, compressors, for sealing along with gaskets. For die casting and other industrial application. Also used extensively for threaded pipe joints, mainly large diameter G.I. Pipes.

DIRECTIONS FOR USE

For Application on Gaskets in Automotive & Machinery

Apply a thin even coat to both sides of the materials (gasket & metal) to be sealed. Allow to air dry till the film become tacky, then assemble gasket in position and bolt down.

For Joining of G.I pipes

Apply a thin coat on the male threads to be sealed and apply jute fibre over the shellac to act as a sealing filler. Once again coat the jute fibres with the compound to make a homogenous shellac and jute composite on the threaded portion. Assemble male and female joints as required.

Put to use in both cases after at least 6 hours. Full cure in 24 hours.

CLEANUP

Removal from body and parts can be done with ethyl alcohol, isopropyl alcohol and acetone.

DISCLAIMER

The information contained herein is given in good faith, based on our tests & knowledge of the product; as a guide. The responsibility is of the user to verify its usability for any application. The company, The Standard Products Mfg. Co. Mumbai, disclaims all warranties expressed or implied and takes no responsibilities for any loss or damage arising from the use of its products.

For further information please contact :

The Standard Products Mfg. Co.

2/14, Marol Co-op. Indl. Estate, M.Vassanji Road,
Marol, Andheri (E), Mumbai – 400 059.

Customer Support : 2850 0970 / 2859 0668

E-mail : spmc59@gmail.com

PROPERTIES OF THE UNCURED MATERIAL

| | | |
|------------------|---|--|
| Chemical Nature | : | Complex of natural occurring substances, shellac, rosin etc. |
| Colour | : | Dark Brown to Black |
| Appearance | : | Viscous Liquid |
| Odour | : | Alcoholic |
| Relative Density | : | 1.04 - 1.08 g/ml |
| Viscosity | : | 21 - 24 seconds (Ford Cup No.8) |
| Flash Pt. | : | 25°C |
| Flowability | : | Easily applied with brushing |

PROPERTIES OF THE CURED MATERIAL

Skin Over Time :

| | | |
|---|---|--|
| Skin Drying Time | : | 10 - 20 min 120 - 140 min |
| Resistance Petrol & Toluene (Ratio 3 : 1) for 24 hrs | : | Resistant .No cracking or blistering of the film . |
| Resistance to Motor Oil @ 100 deg C for 24 hours | : | Resistant .No cracking or blistering of the film . |
| Resistance to Dry Heat (Air Heating upto 150°C) | : | No change in the film |
| Toxicity | : | The Compound is a mixture of ethyl alcohol and naturally occurring tree based substances and is non toxic Refer Material Safety Data Sheet |

SAFETY INSTRUCTION

- 1.Keep away from children.
- 2.Avoid excessive contact with body. Clean with plenty of water in case of eye contact.
- 3.Cannot be ingested. Lethal if ingested.
- 4.Do not induce vomiting, in case of ingestion. Consult a physician immediately.
- 5.Contain solvents. Do not inhale or used in closed spaces.
- 6.Inflamable . Keep away from heat and flame.

Relevant Standards
IS 3447 : 1993 (SEP 2004)
SHELLAC JOINTING COMPOUND