

DESCRIPTION

Exsan Shellac is a homogeneous viscous solution of Shellac resin, as an active ingredient and a tackifying resin dissolved in suitable solvent. On application, the solvent evaporates and surface becomes tacky, capable of holding gasket materials. It has an excellent tack retention period of 5 – 10 minutes. Exsan Shellac conforms to Indian Standard Specifications for Shellac Joining Compound – IS 3447: 1993.

METHOD OF USE

Clean the surfaces to be bonded thoroughly. Apply a thin layer of Exsan Shellac on both the surfaces of the Gasket uniformly. Do not assemble immediately. Wait approximately for 5 – 10 minutes before bonding. Assemble the gasket while the surface become tacky and apply a slight contact pressure. Full strength is achieved within 24 hours.

PROPERTIES

SI. No.	Properties	Unit	Specification	
1	Appearance	-	Flowing liquid	
2	Color	-	Brownish black	
3	Specific gravity at 25°C	-	0.95 - 1.05	
4	Non-volatile content (at 105°C, 3 hrs)	%	60	
5	Viscosity @ 25°C (sp.4, rpm. 50)	cPs	1500– 3000	
6	Skin over time	Minutes	1 – 3	
7	Lap shear strength after 24 hours	Kg/cm ²		
	MS – Paper gasket			5.0
	Yellow Passivated MS-Paper gasket			4.0

SHELF LIFE : Twelve months from the month of manufacture.

STORAGE : Store in cool dry place away from heat source and direct sunlight.

PACKING : 59 ml.

(The information contained herein is based on the present state of our knowledge. However, testing under actual condition by the user is recommended)