

# TECHNICAL DATA SHEET

Date: Dec 2013

Version: 1001

Pages: 2

## Arc MS-11

### DESCRIPTION:

An all-round durable, flexible adhesive and sealant based on MS Polymer technology providing excellent adhesion to non-porous surfaces and is paintable with most paints. Can be applied on damp surfaces. Tested and approved in accordance with EC Regulation No 1935/ 2004 for materials intended to come into contact with food. This product is odourless, neutral and free of isocyanates. Conforms to ISO 11.600 25 HM.

### USES:

Suitable for sealing joints around sanitary fixtures, weatherproofing joints around windows and doors, glazing systems, joints and assemblies in coach body work. Uses also including gluing panels, skirting boards, windows, thresholds, mirrors and insulation materials. Will seal and bond glass, porcelain, coated metal, epoxy and polyester panels, polystyrene, UPVC, stainless steel, anodised aluminium and finished wood. MS-11 can also be used as universal filler for cracks and uneven surfaces. And can also be used safely in the foodstuff-related sector. For example the grouting of wall and floor areas in companies which are preparing and processing foodstuffs. The solid colours have excellent anti pick qualities and therefore make this product suitable for use in correctional institutions and areas where vandalism of the sealant may occur.

### COLOURS:

White, Clear & Black

### PACKAGING:

12 Units per box

### PREPARATION:

All surfaces should be clean and dust free.

### INSTRUCTIONS:

Gun MS-11 firmly into joint to provide a solid fill. If required place masking tape along edges, removing within 10 minutes of application. For gluing applications, apply adhesive in vertical lines at a distance of 30cm. Support the application for 24 hours until full curing occurs.

### FINISHING:

Always tool using a spatula or stick wetted with neutral soapy water within 10 minutes of application. It is the user's responsibility to dispose of all packaging correctly.

### HEALTH AND SAFETY:

Contains Bis – (1.2.2.6.6 – pentamethyl- 4-piperidyl) sebacate. Product may produce an allergic reaction. Do not take internally. Keep out of reach of children. Safety data sheet available to professional user on request. Dispose of empty packaging correctly.

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### LIMITATIONS:

Among others not recommended for application on PE, PP, Teflon and bituminous surfaces. Not suitable for use with aquaria or expansion joints. Not paintable with alkydresin paint. On porous surfaces such as concrete a primer is recommended. Yellowing can occur in the dark. It is the user's responsibility to determine suitability. Adhesion tests prior to application are recommended. Store between +5°C and +25°C in cool dry conditions.

### QUANTITY ESTIMATOR:

Width x depth of joint x length (in linear meters) of joint, divide this by the volume of tube in ml = number of cartridges required.

TECHNICAL DATA			COLOURS	CLEAR
Slump	ISO 7390	mm	<2	<2
Density		g/ml	1.53	1.6
Skin forming time	23°C/55%RH	min	10	10
Max movement allowed	ISO 9040	%	25	25
Temperature resistance after curing		°C	-40-+100	-40-+100
Shrinkage			Nil	Nil
Curing (24 hours)	23°C/55%RH	mm	2-3	2
<i>Mechanical properties</i>				
<i>2mm film</i>				
Hardness, Shore A	DIN 53505		60	45
Modulus, 100%	DIN 53504	MPa	1.35	1.15
Tensile strength	DIN 53504	MPa	2.20	2.40
Elongation at break	DIN 53504	%	300	250

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