

# Technical Data Sheet

## TDS RTV FOOD SAFE SILICONE

Revised 12.01.11



### Bondloc RTVFS Food Safe Silicone

#### PRODUCT DESCRIPTION

RTV FS is easily applied, one part acetoxy silicone sealant. Specifically developed and approved for use with food applications or where food contact may occur.

#### APPLICATIONS

It is ideal for sealing around kitchen work tops, food preparation areas and in canteens. Excellent adhesion to a variety of non-porous substrates such as glass and ceramic tiles, reacting with atmospheric moisture to quickly form a durable and flexible seal. Mould resistant. Ideal for sealing refrigeration units and areas where repeated food contact is likely.

#### USEFUL NOTES

Benefits joint movement of up to  $\pm 15\%$ , temperature resistance of  $-40$  to  $+150^{\circ}\text{C}$ , adheres to most surfaces and is easy to use. UV resistant.

#### SPECIFICATIONS

Complies with;  
FDA No.21 CFR 177.1210  
FDA No.21 CFR 177.2600  
BS5889 Type B.  
ISO 11600 G25HM. TT-S001543 A.

#### INSTRUCTIONS FOR USE

Clean and dry surfaces to be bonded. Joint depth must never be greater than the width. Use polyethylene backer rod for correct joint configuration. Gun the sealant firmly into the joint to provide a solid fill. The sealant may be tooled using a stick or spatula. Tack free in approximately 15 minutes and fully cured in 1-5 days, depending on joint dimensions.

#### PROCEDURE FOR APPLICATION

Product is normally applied using a sealing gun.

#### STORAGE

Stored between  $+5^{\circ}\text{C}$  and  $+25^{\circ}\text{C}$  Bondloc RTVFS will retain its properties for 18 months.

#### HEALTH & SAFETY IN USE

This Technical information sheet does not constitute a Material Safety Data Sheet. Before using this product ensure you have read and fully understood Bondloc Material Safety Data Sheet RTVFS.

#### TECHNICAL FEATURES

Chemical Base	Acetoxy
Appearance	White, Blue
Shrinkage	None
Specific Gravity	1.02
Skinning Time	5 minutes @ $20^{\circ}\text{C}$
Maximum Tension	1.30 N/mm <sup>2</sup>
Cleaning Solvent	White Spirit
Application Temperature	$+5$ to $+30^{\circ}\text{C}$

#### TYPICAL BOND/SEAL CHARACTERISTICS

Movement Accommodation	$\pm 15\%$
Temperature Resistance	$-40^{\circ}\text{C}$ to $+150^{\circ}\text{C}$
Hardness Shore A:	25
Elongation	475

#### PRESENTATION

Cartridge.....310ml

PRECAUTIONS: This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the product. Warranty: All products purchased from or supplied by Bondloc are subject to terms and conditions set out in the contract. Bondloc warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by Bondloc is considered accurate but are furnished upon the express condition the customer shall make its own assessment to determine the product's suitability for a particular purpose. Bondloc makes no other warranty, either express or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or product will not infringe any patent.