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ONE-COMPONENT RTV ADHESIVE SEALANTS

RTV 102,103,106,108,112,116 and RTV 118 one-component ready to use adhesives sealants are extremely versatile. They cure to a tough,durable,resilient silicone rubber on exposure to atmospheric moisture at room temperature. Acetic acid vapors are released from the sealant surface as a by-product of cure

RTV 102, 103,108.and RTV 109 are standard strength paste consistency products which can be applied to vertical and overhead surfaces where pourable/self-leveling sealants are not practical.

RTV 112 and RTV 118 sealants are self-leveling products which are preferable to paste-consistency sealants when flow into small crevices and hard to reach places is desired

RTV 106 sealant is a paste-consistency sealant, RTV 116 sealant is a self-leveling sealant. Both RTV 106 and 116 sealants are standard strength high-temperature sealants.

	RTV 102	RTV 103	RTV 108	RTV 109	RTV 106	RTV 116	RTV 112	RTV 118
Colour	WHITE	BLACK	TRANS	ALLY	RED	RED	WHITE	TRANS
Specific Gravity	1.05	1.05	1.05	1.05	1.07	1.09	1.05	1.05
Elongation %	450	450	450	450	400	350	325	325
Hardness Shore A	30	30	30	30	30	20	25	25
Brittle Point C	-60	-60	-60	-60	-60	-60	-60	-60
Max Temp C	204	204	204	204	260	260	204	204
Max Intermittent C	260	260	260	260	315	315	260	260

All RTVs meet FDA 21 CER 177.200 , USDA ,NSF International Std No.51
File No.36952

INSTRUCTION FOR USE

All sealants will bond to many clean surfaces without the aid of primers, these surfaces typically include many metals,glass,ceramic,silicone rubber and some rigid plastics. These sealants will also produce a fair bond to organic rubbers and to some flexible plastics not containing fugitive plasticizers (which migrate to the surface,imparing adhesion).For difficult to bond substrates, use of a primer is suggested. Where adhesion is required surfaces should be thoroughly cleaned with a suitable solvent such as naphtha or methyl ketone(MEK) to remove all dirt, oil and grease. The surface should be wiped dry before applying the adhesive sealant.

FDA STATUS

RTV 102, 103,106,108,109,112,116,118 sealants can be used in food contact applications where FDA regulations apply. Reference CDS4319 "Food Contact Applications, Silicone Rubber Compounds", for specific regulations, limitations and conditions of use