

RTV143

Neutral Cure, One Component RTV Adhesive Sealant

Product Description

RTV143 is an alkoxy neutral cure, one-component, ready to use, silicone adhesive sealant. RTV143 releases methyl alcohol during cure while exposed to atmospheric moisture at room temperature.

Key Performance Properties

- Low odour cure by-product
- Tough and resilient sealant with primerless adhesion to most metals,
- painted surfaces and plastics
- Withstands exposure to harsh environments such as chemical, ozone,
- moisture and weathering
- Compatible with sensitive metals and plastics
- Easy handling with no mixing, heating or solvent hazards
- Retains elastomeric properties at temperatures of -60 to 200°C

Applications

The RTV143 is recommended for use in aerospace, automotive, appliance and other industries, which incorporate sensitive metal or plastic substrates into a finished product.

Since they are one-part products, there is no mixing required, and they can be easily dispensed from a simple bulk-dispensing pump.

Typical Product Data

Typical Uncured Properties	
Colour	Black
Specific Gravity, g/cm ³	1.5
Application Rate, g/min	200
Tack Free Time, hrs	2.5
Typical Cured Properties	
Hardness, Shore A	45
Tensile Strength, MPa	2.2
Elongation, %	400

Specifications

Typical product data values should not be used as specifications. Assistance and specifications are available by contacting Momentive performance materials Technical Service RTV1 and RTV2.



Handling and Safety Material Safety Data Sheets are available upon request from Momentive performance materials. Similar information for solvents and other chemicals used with the Momentive performance materials products should be obtained from your supplier. When solvents are used, proper safety precautions must be observed.

Storage and Warranty Period The shelf life will be indicated by the 'use before date' on the associated documents with a minimum of 4 months when stored in the original unopened containers below 25° C.

Availability RTV143 is available in 25 kg pails and in 245 kg drums.



PRINCIPAL LOCATIONS – Regional Information

North America	World Headquarters 187 Danbury Road Wilton, CT 06897, USA	T 800.295.2392	F 607.754.7517
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Pacific	Akasaka Park Building - 5-2-20 Akasaka Minato-ku, Tokyo 107-6112 Japan	T +81.3.5544.3100	F +81.3.5544.3101

CUSTOMER SERVICE CENTERS

North America	Charleston, WV 25314, USA E cs-na.silicones@momentive.com		
	• Specialty Fluids	T 800.523.5862	F 304.746.1654
	• UA, Silanes, Resins, and Specialties	T 800.334.4674	F 304.746.1623
	• RTV Products-Elastomers	T 800.332.3390	F 304.746.1623
	• Sealants and Adhesives & Construction	T 877.943.7325	F 304.746.1654
Latin America	E cs-la.silicones@momentive.com		
	• Argentina & Chile	T +54.11.4862.9544	F +54.11.4862.9544
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	• Mexico & Central America	T +52.55.5899.5135	F +52.55.5899.5138
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