

Technical Data Sheet

ADSIL™ RTV 996

One component adhesive silicone sealant

Features & Benefits

- Neutral Cure(Oxime cure system)
- Non-Sag paste consistency
- Cures at room temperature when exposed to moisture
- Excellent resistance to automotive engine oils
- One component,thixotropic paste requires no mixing

Applications

- Application include stamped sheet metal covers where good oil resistance and the ability to withstand high joint-movement is required.
- Excellent adhesion profile to an outstanding wide variety of plastic substrate, as well as glass, ceramics and metals

Colour

- White,Black,Red ,Grey and Blue

Typical Properties

Specification Writers: These values are not intended for use in preparing specifications.

Test ¹	Property ²	Unit	Result
Uncured – As Tested at 50% RH and 25°C			
ASTM D2202	Flow (sag or slump)	mm	0
CTM 0098	Tack-free Time, 25°C, 50% RH	Minutes	Max20
	Full Adhesion	days	7–14
CTM 0364	Extrusion Rate	g/minute	200-600
ASTM D 1475	Specific Gravity	g/ml	1.28-1.33
As Cured – After 7 days at 50% RH and 25°C			
ASTM D 2240	Shore A Hardness	points	30-40
ASTM C 412	Tensile Strength	Mpa	≥1.2
ASTM C 412	Elongation	percent	≥400

1. ASTM – American Society for Testing and Material
2. CTM-Corporate Test Method

Description

ADSIL RTV 996 is a one-part neutral cure silicone sealant with paste like consistency that cures to a tough, rubbery solid when exposed to moisture.

How To Use

Preparation

- Clean all joint surfaces. Surfaces must be clean, dry and sound. Remove loose debris and/or old sealant. General recommendations are: For non-porous surfaces: Solvent wipe the joint surfaces using a non-oily solvent such as methyl ethyl ketone, white sprits or mineral turpentine on a clean white lint-free cloth to remove any oils and contaminants. Immediately wipe with a second dry cloth to remove any traces of solvent and contamination

Application Method

- Mask adjacent surfaces with masking tape. Masking will ensure a clean, neat appearance and reduce clean up by protecting surrounding areas from excess sealant.
- Applying sealant. Dispensing equipment is required. Please contact the equipment manufacturer for detailed operating and product handling instructions. Apply sealant into the base of the joint so that it completely fills the joint, wetting both sides
- Tool joint/remove masking tape. Tool the surface of the joint before the sealant forms a skin to provide a smooth even finish and to ensure the sealant wets the sides of the joint. Do not use soap or water as tooling aids. Remove masking tape immediately after tooling and before the sealant skins. After a skin has formed, do not disturb the joint for 48 hours. On porous surfaces allow sealant to cure before removing by abrasion. Cured sealant is not soluble and must be trimmed with a blade, avoid undercutting the seal

Handling Precautions

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION.

**Usable Life And
Storage**

When stored at or below 30°C (86°F) in the original unopened containers, ADSIL RTV 996 has a usable life of 12 months from the date of manufacture.

**Packaging
Information**

This product is available In Tubes -15g,25g ,85g &100g

For more information visit our website-www.adarshachemicals.com

ADARSHA

Adarsha Specialty Chemicals Pvt Ltd
#25/3-2.Unit No D3.Rathod Vatika,
1st Stage,Industrial suburb,
Yeshwanthpur,Bangalore-560022
omkarmurthy@adarshachemicals.com