

Technical Data Sheet

ADSIL™ General Purpose

One-part, general purpose RTV silicone sealant

Features & Benefits

- Fast cure, high strength
- Show good flexibility, will not become brittle, crack, shrink or chalk
- Stay put for sufficiently longer time compared to organic sealants without hardening or deterioration.
- Resistance to sunlight and weather extremes
- Cure to 100% silicone rubber
- Bonds to many common substrates

Composition

- One-part, acetoxy-cure, RTV silicone sealant

Applications

- Sealing around sinks, faucets, showera, tubes, toilets and vents
- Adhering trim, name plates, signs
- For most marine applications: sealing between hull and deck, most boat decks, windows, port lights, windshields and hatches

Colour

- Clear, White & Black

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	Max30
	Full Adhesion	days	7-14
CTM 0364	Extrusion Rate	g/minute	400-1000
ASTM D 1475	Specific Gravity	g/ml	≥0.94
	Application Temperature Range	°C	-29 to 50
As Cured – After 7 days at 50% RH and 25°C			
ASTM D 2240	Shore A Hardness	points	15-25
ASTM C 412	Tensile Strength	Mpa	≥0.80
ASTM C 412	Elongation	percent	≥500

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

Description

ADSIL General Purpose RTV Silicone Sealant is a cost-effective acetoxysilicone sealant suitable for a range of general sealing and general glazing applications.

It adheres to most common non-porous building materials.

- General purpose industrial sealing applications: Gearbox flange joints, air-conditioning ducting, solar water heater, busbody, Neon signs etc.
- General Purpose construction applications: Aluminium window sealing, roofing sealant, shop fronts and show cases sealing etc.

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 General Purpose has a usable life of 12 months from the date of manufacture.

Packaging Information

This product is available in 190KG Drum & 260ml Cartridges.

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

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