



Technical Data Sheet

DOWSIL™ 9-1363 Assembly Sealant Adhesive

FEATURES & BENEFITS

- Fast cure for quick handling of parts
- Good unprimed adhesion to many substrates
- Non-vinegar odor
- Neutral cure – will not corrode brass or copper

COMPOSITION

- Silicone elastomer

One-part, 100 percent silicone RTV rubber sealant adhesive for OEM applications

APPLICATIONS

DOWSIL™ 9-1363 Assembly Sealant Adhesive can be used as an assembly sealant and adhesive in original equipment manufacturer (OEM) applications. Its fast cure and bond strength allow parts to be handled more quickly than with traditional RTV sealants.

TYPICAL PROPERTIES

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

Test ¹	Property	Unit	Result
As Supplied			
	Colors		Gray, white, black
	Consistency		Paste
	Slump	inch	0.2
CTM 0364	Extrusion Rate, 1/8-inch nozzle at 90 psi	grams/minute	200
	Skin-Over Time	minutes	1–2
CTM 0095	Tack-Free Time	minutes	5–10
CTM 0097	Specific Gravity		1.34
	Cure-in-Depth Time, 1/8", at 23°C (73°F) and 50% RH	hours	24
As Cured – After 7 days at 77°F (25°C) and 50 percent RH			
CTM 0099	Durometer, Shore A	points	33
CTM 0137A	Tensile Strength	psi	240
CTM 0137A	Elongation	percent	350
	Modulus at 100% elongation	psi	120

1. CTMs (Corporate Test Methods) correspond to standard ASTM (American Society of Testing and Materials) tests in most instances. Copies of CTMs are available upon request.

LISTINGS/ SPECIFICATIONS

DOWSIL 9-1363 Assembly Sealant Adhesive is recognized under UL 94 HB.

HOW TO USE

Apply DOWSIL 9-1363 Assembly Sealant Adhesive to clean, dry parts. In most cases, a primer is not necessary. The sealant will dry to the touch in 2 to 4 minutes. Do not use in totally confined spaces because the sealant requires atmospheric moisture to cure.

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. THE SAFETY DATA SHEET IS AVAILABLE ON THE DOW WEBSITE AT WWW.CONSUMER.DOW.COM, OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE

LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

SHIPPING LIMITATIONS

None.

HEALTH AND ENVIRONMENTAL INFORMATION

To support customers in their product safety needs, Dow has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area.

For further information, please see our website, www.consumer.dow.com or consult your local Dow representative.

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