

# Product Information

## Sealants and Adhesives

DOW CORNING

# Dow Corning® 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

- *Dow Corning*® 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. Please contact your local Dow Corning sales office or your Global Dow Corning Connection before writing specifications on this product.

| Test <sup>1</sup>   | Property  | Unit         | Result             |
|---|---|--------------|--------------------|
| <b>As Supplied</b>  |   |              |                    |
|   | 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                 |
| <b>As Cured – After 7 days at 77°F (25°C) and 50 percent RH</b> |   |              |                    |
| CTM 0099  | Durometer, Shore A                                  | points       | 33                 |
| CTM 0137A   | Tensile Strength                                    | psi          | 240                |
| CTM 0137A   | Elongation  | percent      | 350                |
|   | Modulus at 100% elongation                          | psi          | 120                |

<sup>1</sup>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

*Dow Corning* 9-1363 Assembly Sealant Adhesive is recognized under UL 94 HB.

## HOW TO USE

Apply *Dow Corning* 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 MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET IS AVAILABLE ON THE DOW CORNING WEBSITE AT DOW CORNING.COM, OR FROM YOUR DOW CORNING SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CORNING CUSTOMER SERVICE.**

## **STORAGE**

The most up-to-date shelf life information can be found on the XIAMETER® website in the Product Detail page under Sales Specification.

## **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 Corning has an extensive Product Stewardship organization and a team of Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our website, [dowcorning.com](http://dowcorning.com) or consult your local Dow Corning representative.

## **LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY**

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

Dow Corning's sole warranty is that our products will meet the sales specifications in effect at the time of shipment.

Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

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