



TSE 326 M EX

Product Description

TSE 326M EX is a one-component, heat curable silicone adhesive designed for high temperature applications.

TSE 326M EX adheres well to a variety of substrates, such as metals, plastics, ceramics and glass without the use of a primer.

Key Performance Properties

- Ready to use – one component
- Excellent high temperature resistance
- Heat accelerated cure
- Excellent adhesive properties; primerless adhesion to many types of substrates
- Non corrosive to metals

Typical Product Data

Typical uncured properties		
Appearance		Flowable
Colour		Reddish brown
Viscosity	Pa·s	16
Typical cured properties (0,5hr @200°C)		
Appearance		Reddish brown
Density	g/cm ³	1.46
Hardness	Shore A	38
Tensile strength	MPa	2.9
Elongation	%	180
Adhesive strength (Aluminium lap shear)	MPa	1.5
Thermal conductivity	W/ m·K	0.41
Volume resistivity	ohm·cm	2·10 ¹⁵
Dielectric strength	kV/mm	22
Dielectric constant @ 60Hz		3,3
Dissipation factor @ 60Hz		0,02

Specifications

Typical product data values should not be used as specifications. Assistance and specifications are available by contacting Momentive performance materials Technical Service RTV 1 and RTV 2.

Instructions for Use

TSE 326 M EX is a single component addition curing ready to use adhesives. Materials such as water, sulphur, nitrogen compounds, organic metallic salts, phosphorus compounds, etc. contained in the surface of the substrate can inhibit curing. A sample patch should always be conducted before proceeding to determine compatibility.

Cure Time vs. Temperature

Actual cure time will depend on the type and efficiency of the oven used, and the shape and heat capacity of the parts and containers. A sample test should be conducted to determine the appropriate cure time.

Temperature	Cure Time
120°C	3 h
150°C	1.5 h
200°C	0.5 h

Adhesion Capability

Suitable substrates:

Metal: Aluminum, Copper, Ni plated, Stainless Steel
 Plastics: PPS, PBT, Epoxy resin, Polyester, Phenolic resin
 Rubber: Heat cured silicone rubber
 Inorganics: Glass, Ceramics

Not suitable substrates:

Plastics: PP, PE, Fluorocarbon resin
 Rubber: RTV silicone rubber, Sulphur vulcanized rubber, Fluorocarbon rubber

Handling and Safety

Material and Safety Data Sheets are available upon request from Momentive performance materials. Similar information from solvents and other chemicals used with the Momentive performance materials products should be obtained from the supplier.

When solvent is used, proper safety precautions must be observed.

Storage and Warranty Period

The warranted shelf life from the material will be indicated by the “use before date” on the associated documents with a minimum of 4 month when stored in unopened containers at **10°C or less**.

Availability

TSE 326 M EX is available in 1kg and 20kg 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
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	• Argentina & Chile	T +54.11.4862.9544	F +54.11.4862.9544
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