

Description

The 8337 *Speaker Service Cement* is a flexible, durable, solvent-based, rubber resin adhesive that is designed for speaker repair.

Applications & Usages

The 8337 has excellent adhesion to metal, paper, cloth, foam, felt, rubber, and more. It is used to repair surrounds, speakers, and cones.

Benefits and Features

- **Heat or solvent reactivatable adhesive**
- **Tough but flexible**
- **Heat, shock, and vibration resistant**
- **Low VOC**

Usage Parameters

<i>Properties</i>	<i>Value</i>
Working Life @22 °C [72 °F] ^{a)}	≥2 min
Full Strength @22 °C [72 °F] ^{b)}	≥24 h
Shelf Life	5 y

- a) Based on thin film application and porous materials. For non-porous materials, time can take several hours.
- b) Full strength time varies depending on thickness, temperature, humidity, and porosity of materials being bonded.

Temperature Ranges

<i>Properties</i>	<i>Value</i>
Maximum Withstanding Temperature	115 °C [240 °F]
Storage Temperature Limits ^{c)}	15 to 27 °C [60 to 80 °F]

- c) If stored above stated temperature, it may have a permanent effect on viscosity.

Chemical Components

Name	CAS Number
Acetone	67-64-1
Carbon black	1333-86-4

Properties of Uncured 8337

<i>Physical Properties</i>	<i>Method</i>	<i>Value</i>
Color	Visual	Black
Viscosity @25 °C [77 °F] a)		3 500–5 500 cP
% Solids Content		31 ± 2%
Density		0.90 g/mL
Flash Point	Tag Closed Cup	-20 °C [-4 °F]
Odor		Acetone, nail polish remover

a) Brookfield viscometer at 60 rpm with LVT spindle #4

Compatibility

Adhesion— The 8337 has excellent adhesion to metal, paper, cloth, foam, felt, rubber, and more. It is not compatible with contaminants like water, oil, and greasy flux residues that may affect adhesion. If contamination is present on the substrate, clean the surface first.

This adhesive contains solvents that may not be compatible with some materials. It is recommended to test compatibly prior to use.

Health, Safety, and Environmental Awareness

Please see the 8337-Liquid **Safety Data Sheet** (SDS) for more details on transportation, storage, handling and other security guidelines.

Environmental Impact: The 8337 formulation has a regulated volatile organic compound (VOC) content of 0% [0 g/L] by VOC-exemption.

Health and Safety: The liquid is flammable and should be kept away from flames and other ignition sources. As with most paint materials, avoid breathing in vapors or direct contact with the material and use in a well-ventilated area. It causes irritation and other symptoms like headaches, pain, as well as having long term exposure effects.

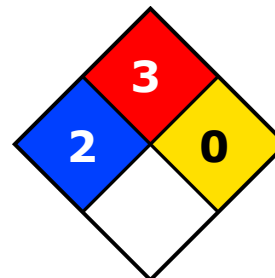
Wear safety glasses or goggles and disposable gloves to avoid exposures. Wash hands thoroughly after use.

The cured coating presents no known hazard.

HMIS® RATING

HEALTH:	* 2
FLAMMABILITY:	3
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	

NFPA® 704 CODES



Approximate HMIS and NFPA Risk Ratings Legend:

0 (Low or none); 1 (Slight); 2 (Moderate); 3 (Serious); 4 (Severe)

Application Instructions

Follow the procedure below for best results.

Surface preparation

Clean oil, dust, water, solvents, and other contaminants. Let dry fully.

To coat by brushing

1. Apply an even coat to both surfaces using a brush or spatula.
2. Carefully position surfaces to be bonded and apply pressure.
3. Allow at least 24 hours at room temperature for full strength.

ATTENTION! Unwanted cement adhesive residues should be cleaned immediately with acetone.

Packaging and Supporting Products

<i>Cat. No.</i>	<i>Packaging</i>	<i>Net Volume</i>		<i>Net Weight</i>		<i>Packaging Weight</i>	
8337-55ML	Bottle	55 mL	1.86 fl oz	49.5 g	1.74 oz	1 kg ^{a)}	2.2 lb ^{a)}

a) Case pack of 5

Supporting Products

- *Acetone:* Cat. No. 434



ISO 9001 Registered Quality System.
Burlington, Ontario, Canada QMI File # 004008

Speaker Service Cement 8337 Technical Data Sheet

8337-Liquid

Technical Support

Contact us regarding any questions, improvement suggestions, or problems with this product. Application notes, instructions, and FAQs are located at www.mgchemicals.com.

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Warranty

M.G. Chemicals Ltd. warrants this product for 12 months from the date of purchase by the end user. *M.G. Chemicals Ltd.* makes no claims as to shelf life of this product for the warranty. The liability of *M.G. Chemicals Ltd.* whether based on its warranty, contracts, or otherwise shall in no case include incidental or consequential damage.

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