

Description

The 8336 *Super Contact Cement* is a high-strength, solvent-based adhesive that is resistant to heat, water, and oil. Clamping is not required because the adhesive is quick drying and adheres fast upon contact.

Applications & Usages

The 8336 adheres to laminates plastics, veneers, plywood, particle boards, metals (ferrous and non-ferrous), cork, fabric, and rubber. It is ideal for applications where clamping is not possible, such as, bonding laminates or wood veneer to cabinets, countertops, and large flat surfaces. Also, it can be used to repair fabric seat covers, shoes, weather stripping, and loose flooring.

Benefits and Features

- **Fast drying and quick bonding**—eliminating the need for clamping
- **Excellent heat and moisture resistance**
- **Excellent finish**—tough, glossy, and durable and transparent coat
- **Brush cap for easy application**

ATTENTION! Consumer Product VOC Prohibition

Prohibited for residential and institutional use in California and other states (IL, IN, MI, OH, CT, DE, ME, MD, MA, NH, NJ, NY, PA, RI, VT, VA, DC, UT). Not for retail sale.

Usage Parameters

<i>Properties</i>	<i>Value</i>
Recoat Time ^{a)}	10–15 min
Drying Time @23 °C [73 °F] ^{a)}	10–15 min
Full Bond Strength ^{a)}	72 h
Shelf Life	5 y

a) Based on 50% relative humidity at 23 °C [73 °F]. High humidity or low temperatures will lengthen time.

Temperature Ranges

<i>Properties</i>	<i>Value</i>
Application Temperature ^{b)}	18 to 25 °C [65 to 77 °F]
Constant Service Temperature	-40 to 70 °C [-40 to 158 °F]
Maximum Withstanding Temperature	70 °C [158 °F]
Storage Temperature Limits ^{c)}	5 to 40 °C [41 to 104 °F]

b) Recommended temperature for surfaces to be bonded and working area.

c) If stored above stated temperature, the product may be irreversibly damaged.

Chemical Components

Name	CAS Number
solvent naphtha (petroleum)	64742-89-8
butan-2-one (MEK)	78-93-3
n-heptane	142-82-5
1-propyl acetate	109-60-4
rosin, polymer with phenol	68083-03-4

Properties of Cured 8336

<i>Physical Properties</i>	<i>Method</i>	<i>Value</i>
Color Water Resistant	Visual	Clear Yes
<i>Mechanical Properties</i>	<i>Method</i>	<i>Value</i>
Climbing Drum Peel ^{a)}	ASTM D1995-92(2011)	
Open Time @15 min, 24 h	"	4.7 ± 1.2 N/mm [27 ± 7 lb/in]
Open Time @15 min, 7-day cure+24 h, 50 °C	"	11 ± 0.7 N/mm [62 ± 4 lb/in]
Open Time @60 min, 24 h	"	5.1 ± 1.9 N/mm [29 ± 11 lb/in]
Open Time @60 min, 7-day cure+24 h, 50 °C	"	9.8 ± 2.1 N/mm [56 ± 12 lb/in]

a) Cold rolled steel

Properties of Uncured 8336

<i>Physical Properties</i>	<i>Method</i>	<i>Value</i>
Viscosity @20 °C [68 °F] % Solids Content Density Flash Point Odor	ASTM D56 ^{b)}	3 000–3 500 cP 16–18% by weight 0.84 g/mL -16.9 ±1.2 °C [1.6 ±2 °F] Ketone, gasoline-like

b) TAG closed cup

Compatibility

Adhesion—The 8336 adheres well to plastics, veneers, plywood, particle boards, metals (ferrous and non-ferrous), cork, fabric, and rubber; however, 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.

TIP! Adhesion can be improved by slightly etching or sanding the surfaces of materials to be bonded.

ATTENTION! It is NOT recommended for use on polystyrene and polyurethane foam and bonding materials that will be exposed to continual heavy loads. May damage some hard plastics and painted surfaces. Always test small area prior use.

Health, Safety, and Environmental Awareness

Please see the 8336-Liquid **Safety Data Sheet** (SDS) for more details on transportation, storage, handling and other security guidelines.

Environmental Impact: The 8336 formulation has a volatile organic content of 77% [658 g/L].

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. It causes irritation and other symptoms like headaches, pain, as well as having long term exposure effects.

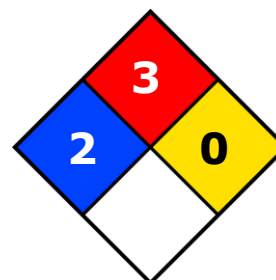
Wear safety glasses or goggles and disposable gloves to avoid exposures. Wash hands thoroughly after use.

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. The temperature of the working environment and surfaces to be bonded should be between 18 to 25 °C [65 to 77 °F].
2. Apply an even and generous coat to both surfaces using a brush or spatula.
3. Carefully position surfaces to be bonded as bonding occurs immediately and will be permanent.
4. Apply pressure from the center to the edges using a J-roller or rubber hand roller. A pinch roller or rotary press may also be used.
5. Rotate the board 90° and continue rolling toward the edges.
6. Wait at least 10 to 15 minutes before applying another coat.
7. A full bond strength is reached in 72 hours.

TIP! Dull spots indicate a second coat is required. Porous surfaces such as particle board or plywood requires two coats.

ATTENTION! Unwanted adhesive residues should be cleaned immediately with acetone or d-limonene.

Packaging and Supporting Products

<i>Cat. No.</i>	<i>Packaging</i>	<i>Net Volume</i>		<i>Net Weight</i>		<i>Packaging Weight</i>	
8336-55ML	Bottle	55 mL	1.86 fl oz	46.4 g	1.49 oz	1 kg ^{a)}	2.2 lb ^{a)}

a) Case pack of 5

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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