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Springfield Speaker 8541762759

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Model: 8541762759

1. PRODUCT OVERVIEW

The Springfield Speaker Pro-Grade Black Rubberized Speaker Repair Adhesive Glue is a professional-grade, hexane-based rubberized adhesive. It is specifically formulated to create a permanent, flexible bond for various speaker repair applications. This adhesive is designed to dry black, blending seamlessly with many speaker components.



Key Features:

- Professional-grade hexane-based rubberized adhesive.
- Forms a permanent, flexible bond.
- Dries black for a discreet repair.
- Available in various sizes (1/2 oz, 1 oz, 2 oz, 4 oz, 8 oz, 16 oz).
- Includes a Yorker lid for precise application.

Intended Use:

This adhesive is suitable for:

- Attaching cones and surrounds to speaker frames.
- Replacing or attaching foam surrounds.
- Attaching dust caps.
- Attaching gaskets.
- Repairing holes in speaker cones.

Important Note: This adhesive is **NOT** for attaching voice coils.

2. SAFETY INFORMATION

This product contains hexane and is flammable. Please observe the following safety precautions:

- **Ventilation:** Use in a well-ventilated area to avoid inhaling fumes.
- **Flammability:** Keep away from heat, sparks, open flames, and other ignition sources. Do not smoke while using this product.
- **Skin Contact:** Avoid prolonged skin contact. If contact occurs, wash thoroughly with soap and water.
- **Eye Contact:** In case of eye contact, flush immediately with plenty of water for at least 15 minutes and seek medical attention.
- **Ingestion:** Do not ingest. If swallowed, do not induce vomiting. Seek immediate medical attention.
- **Storage:** Store in a cool, dry place, away from direct sunlight and out of reach of children and pets. Keep container tightly closed when not in use.

3. SETUP AND PREPARATION

1. **Gather Tools:** Ensure you have all necessary tools for your speaker repair, such as a utility knife, cleaning supplies, and any replacement parts (e.g., new foam surrounds, dust caps).
2. **Clean Surfaces:** Thoroughly clean all surfaces where the adhesive will be applied. Remove any old glue, debris, dust, or loose material. The surfaces must be dry and free of grease or oil for optimal adhesion.
3. **Disassemble Speaker (if necessary):** Carefully disassemble the speaker components as required for the repair. For surround replacement, this may involve carefully removing the old surround and potentially the dust cap to access the voice coil gap for shimming.
4. **Shim Voice Coil (if necessary):** If replacing surrounds, it is crucial to ensure the voice coil remains centered. Insert shims (e.g., 3x5 cards) evenly into the voice coil gap until the cone/voice coil assembly is stiff and cannot move freely. This prevents the voice coil from rubbing against the pole piece during the gluing process.
5. **Ventilation:** Ensure your workspace is well-ventilated before opening the adhesive bottle.

4. OPERATING INSTRUCTIONS: APPLICATION GUIDE

Follow these steps for effective application of the speaker repair adhesive:

1. **Prepare the Adhesive:** Shake the bottle gently before use. Twist open the Yorker lid for precise control over the adhesive flow.
2. **Apply First Layer:** Apply a thin, even layer of adhesive to one of the surfaces to be joined (e.g., the speaker frame or the new surround's inner edge). For surround attachment, apply glue around the cone where the surround will sit.



Image 4.1: A hand applying the black rubberized adhesive to the edge of a speaker cone, preparing it for surround attachment.

3. **Allow to Tack:** Wait approximately 5 minutes for the adhesive to become tacky. This allows some solvents to evaporate, improving bond strength.
4. **Apply Second Layer (Optional, for stronger bond):** For critical repairs or larger surfaces, a second, slightly thicker layer can be applied after the first layer has become tacky.
5. **Join Surfaces:** Carefully align and press the components together. For surrounds, gently pull the cone up to meet the surround, ensuring good contact. Apply even pressure around the entire joint.
6. **Secure Position:** If necessary, use clamps or weights to hold the components in place while the adhesive sets. Ensure the voice coil remains centered if shims were used.
7. **Curing Time:** The adhesive will tack in approximately 5 minutes, but a full cure requires **24 hours**. Do not apply stress or use the speaker before the full curing time has elapsed to ensure a strong, permanent bond.
8. **Remove Shims (if used):** After the adhesive has fully cured (24 hours), carefully remove any shims from the voice coil gap.
9. **Reassemble:** Reassemble any other speaker components that were removed.

5. MAINTENANCE

Adhesive Storage:

- Always replace the Yorker lid tightly after each use to prevent the adhesive from drying out.
- Store the bottle upright in a cool, dry place, away from direct sunlight and extreme temperatures.
- Ensure it is stored out of reach of children and pets.

Cleaning:

- Clean any excess wet adhesive immediately with a suitable solvent (e.g., mineral spirits or naphtha) on a cloth. Test solvent on an inconspicuous area first.
- Once cured, the adhesive is difficult to remove without damaging the speaker components.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Adhesive not bonding properly.	Surfaces were not clean or dry; insufficient adhesive applied; not enough curing time; improper alignment.	Ensure surfaces are thoroughly cleaned and dry. Apply an adequate amount of adhesive. Allow full 24-hour cure time without disturbance. Re-evaluate alignment during application.
Adhesive dries too quickly.	High ambient temperature; low humidity; excessive airflow.	Work in a cooler environment if possible. Reduce direct airflow over the adhesive during application. Work quickly.
Adhesive dries too slowly.	Low ambient temperature; high humidity; excessive adhesive applied.	Ensure adequate ventilation. Work in a warmer, less humid environment. Apply thinner, even coats. Extend curing time if necessary.
Voice coil rubbing after repair.	Voice coil not properly centered during surround attachment; shims removed too early.	This often requires re-doing the repair. Ensure shims are used correctly and remain in place until the adhesive is fully cured (24 hours).

7. SPECIFICATIONS



Image 7.1: A range of Springfield Speaker Pro-Grade Black Rubberized Speaker Repair Adhesive Glue bottles in different sizes.

Brand	Springfield Speaker
Model Number	8541762759
Specific Uses For Product	Speaker Repair
Material	Rubber-Based
Item Form	Gel
Special Feature	Rubberized
Color	Black
Item Package Quantity	1
Package Information	Bottle
Item Volume	15 Milliliters (0.5 oz)
Viscosity	High Viscosity
Full Cure Time	24 Hours
Water Resistance Level	Not Water Resistant
Product Dimensions	3 x 1 x 1 inches
Item Weight	0.32 ounces
UPC	810694027142
First Available Date	June 6, 2018

8. WARRANTY AND SUPPORT

Specific warranty information for this product is not provided in the available documentation. For product support, technical assistance, or inquiries regarding your Springfield Speaker adhesive, please contact Springfield Speaker directly through their official channels or visit their brand store on Amazon:

Springfield Speaker Amazon Store

Always refer to the product packaging for the most current contact and support information.