

**WPMC-3**  
**WPMC-10**

**Watertight Microphone Plug Kit**



Fill in for your records:

Purchase Date:



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# Safety Warnings

## Solder

- a) When soldering, protect yourself and others. Read, understand and follow the manufacturer's instructions, Material Safety Data Sheets (MSDS) and these workplace safety practices:
- b) Use local fans to keep fumes and gasses from your breathing area.
- c) Wear safety glasses or a face shield.
- d) Do not eat in work area.
- e) Wash hands thoroughly before eating or smoking.

## Alcohol

When cleaning with alcohol, protect yourself and others. Read, understand and follow the manufacturer's instructions, Material & Safety Data Sheets (MSDS) and these workplace safety practices:

- a) Flammable — keep away from fire or heat sources.
- b) Use only in well ventilated area.
- c) Wear Latex gloves.
- d) Wear safety glasses or face shield.

## Silicon Sealant

When working with silicone sealant, protect yourself and others. Read, understand and follow the manufacturer's instructions, Material & Safety Data Sheets (MSDS) and these workplace safety practices:

- a) Use only in well ventilated area.
- b) Wear cloth gloves.
- c) Wear safety glasses or face shield.
- d) Caution — Wearers of contact lenses must not handle their contact lenses until all sealant has been cleaned from hands and fingertips.

# Introduction

This manual covers the assembly of the watertight connectors on the microphones for the Lectrosonics water-resistant wireless transmitters. It is very important that these procedures be followed exactly to ensure a watertight seal at the microphone connector. A good seal will prevent any moisture from entering the transmitter and possibly causing corrosion of the internal parts.

**CAUTION: If the transmitter is wet (either due to immersion or high levels of perspiration), BEFORE opening any covers or connectors, carefully blot the transmitter dry with a clean paper towel or cloth. Remove all moisture. After opening any connector or cover, carefully blot up any remaining moisture that may have remained around the seal. THIS IS IMPORTANT! DO NOT CLOSE ANY COVER OR CONNECTOR BEFORE MAKING CERTAIN THERE IS NO MOISTURE IN OR NEAR THE OPENING. After use, it is important to store the transmitter in a dry place with all access doors and connectors opened to allow any internal humidity to evaporate. Specifically, open the battery door, the frequency cover plate and fully unscrew and remove the microphone connector before storing. Do NOT store wet and do NOT store sealed. If moisture is sealed inside the unit it has nowhere to go other than to chemically react with and destroy components and the printed circuit board.**

## 3 Piece Waterproof Connector Kit Contents

In the 3 piece waterproof connector kit (Part #WPMC-3) you should find:

1. 5 ea silicone tubing, 1"long (Part #35680)
2. 5 ea submini phone plug (0.100") without shell (Part #21540, SwitchCraft 850 type)
3. 3 ea stainless steel shell (Part #26481)
4. 10 ea red silicone "O" ring (Part #35750)
5. 3 ea plastic dispensers (Part #56113)
6. 6 ea gray nozzles for dispensers (Part #56114)
7. Tube of flowable silicone sealant (Dow Corning #734) (Part #32376)
8. Material Safety Data Sheets (MSDS)

## 10 Piece Waterproof Connector Kit Contents

In the 10 piece waterproof connector kit (Part #WPMC-10) you should find:

1. 15 ea silicone tubing, 1"long (Part #35680)
2. 15 ea submini phone plug (0.100") without shell (Lectro #21540, SwitchCraft 850 type)
3. 10 ea stainless steel shell (Part #26481)
4. 30 ea red silicone "O" ring (Part #35750)
5. 7 ea plastic dispensers (Part #56113)
6. 15 ea gray nozzles for dispensers (Part #56114)
7. 1 tube of flowable silicone sealant (Dow Corning #734) (Part #32376)
8. Material Safety Data Sheets (MSDS)

## Additional Tools and Supplies

You will also need a small soldering iron, needle nose pliers, good wire cutters and wire strippers. Isopropyl alcohol or alcohol wipes to clean the parts will be necessary if the parts have become oily or dirty. If the mic wire is tight in the silicone tubing, a drop of isopropyl alcohol makes a good lubricant that will evaporate completely after assembly. Ensure that the isopropyl alcohol you use is clean and does not contain oils. We use a generic medical grade alcohol that is labeled "Isopropyl Alcohol 91%" and is certified to be oil free.

## Two-Wire Microphone Assembly Procedure

The following procedure pertains to a typical two-wire electret microphone. For non-standard microphones, contact Lectrosonics Customer Service:

1. Using a pair of scissors or a utility knife, cut a one inch length from the clear silicon tubing. Ensure the cuts are clean and square.
2. Cut the cable of your microphone to the length you prefer (recommended length is approximately 40 inches).
3. Insert the cable through the tubing and then the plug shell.

*Note: If necessary, dip both the cut piece of silicone tubing and the end of the microphone cable in alcohol to lubricate them.*

4. Strip the outer insulation of the cable back approximately 1/4".
5. Comb the braid or shield wires to one side and twist together.
6. Strip the audio wire back approximately 1/8".
7. Insert the twisted shield wire through the hole in the strain relief of the plug. Solder and trim. (See Figure 1.)
8. Solder the audio wire to the plug.
9. Crimp the strain relief over the cable and insulation. (See Figure 2.)
10. Test the microphone for proper operation and gain.

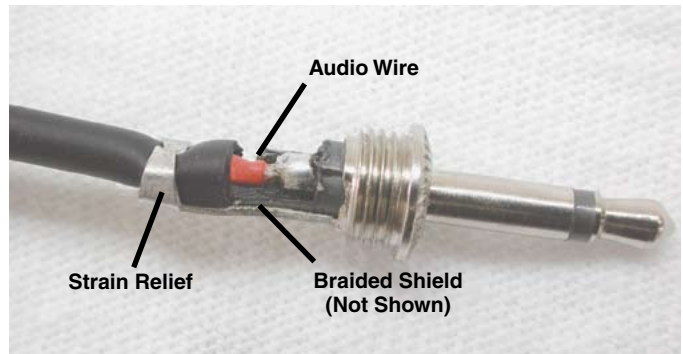


Figure 2 - All connections soldered and crimped

*Note: It is highly suggested that you test the microphone before proceeding any further. It will be much harder to repair connections once the connector is waterproofed.*

11. Screw the plug into the plug cover and tighten. (Put a broad rubber band around the sleeve of the plug to protect the sleeve from the needle nose serrations.)

***IMPORTANT: At this point, go to the Final Assembly Procedure on Page 8 to finish the assembly.***

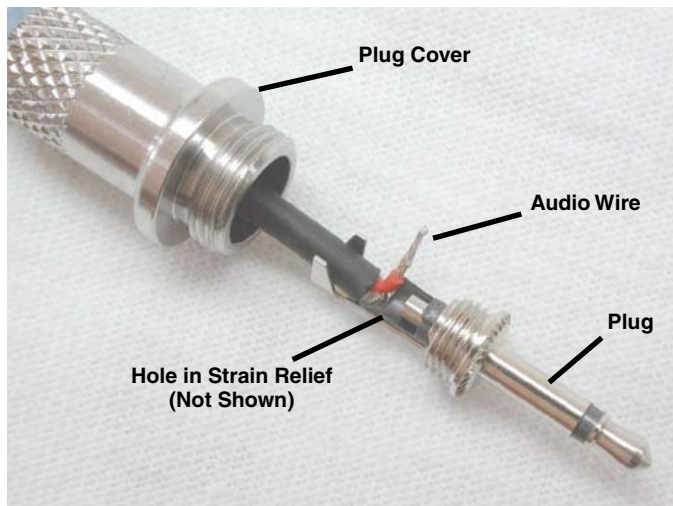


Figure 1. Shield Wire Soldered

## Three-Wire Microphone Assembly Procedure

The following procedure pertains to a typical three-wire electret microphone. For non-standard microphones, contact Lectrosonics Customer Service:

- Using a pair of scissors or a utility knife, cut a one inch length from the clear silicon tubing. Ensure the cuts are clean and square.
- Cut the cable of your microphone to the length you prefer (recommended length is approximately 40 inches).
- Insert the cable through the tubing and then the plug shell.

*Note: If necessary, dip both the cut piece of silicone tubing and the end of the microphone cable in alcohol to lubricate them.*

- Strip the outer insulation of the cable back approximately 1/4".
- Comb the braid or shield wires to one side and twist together.
- Strip the Bias wire (Drain) back about 1/8".
- Insert the twisted shield wire through the hole in the strain relief of the plug. Solder and trim. (See Figure 1.)
- Solder the Bias (Drain) wire to the plug.

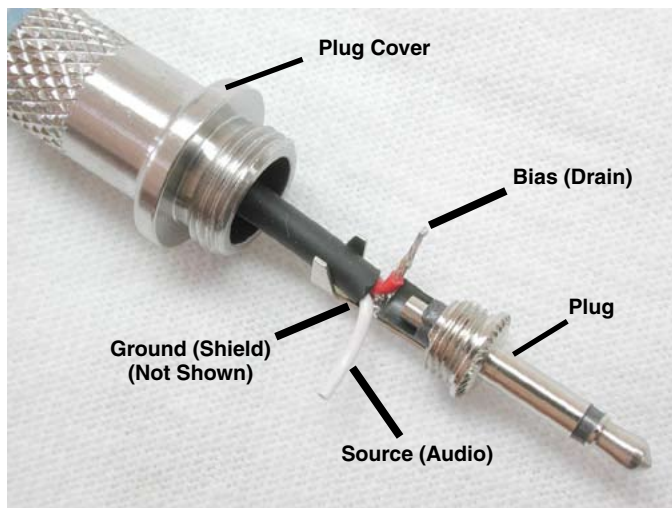


Figure 1. Shield Wire Soldered

- Test the microphone for proper operation and gain. (See "Comments on Three-wire Microphones" before proceeding past this step.)

**Warning: It is highly suggested that you test the microphone before proceeding any further. It will be much harder to repair connections once the connector is waterproofed. Also, read "Comments on Three-Wire Microphones" before proceeding to next step.**

- Crimp the strain relief over the cable and insulation. *If the Source (Audio) wire is not needed, bend it around and crimp with cable and insulation. (See Figure 2.)*

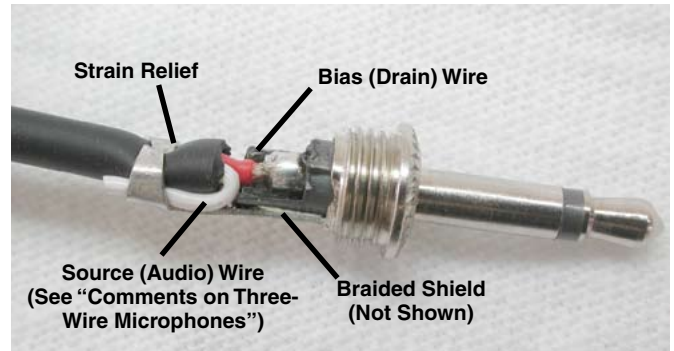


Figure 2 - All connections soldered and crimped

- Screw the plug into the plug cover and tighten. (Put a broad rubber band around the sleeve of the plug to protect the sleeve from the needle nose serrations.)

**IMPORTANT: At this point, go to the Final Assembly Procedure on Page 8 to finish the assembly.**

### Comments On Three Wire Microphones

Three wire microphones cannot be used directly with the MM series transmitters. They must be slightly modified to make them act as if they are two wire mics. Three wire mics have a ground lead, a source (or audio) lead and a drain (or drain) lead. The source and the drain refer to connections to a Field Effect Transistor (FET) in the microphone capsule. Either the source or drain can provide an audio signal. In fact, a two-wire electret mic is just a three-wire mic with the source lead removed from the user's access. For any electret microphone, the internal FET must have a resistor from source to ground. Usually, the manufacturer builds this into the capsule but not always. You may need to add this resistor. Simply try soldering up the Drain (Bias) lead to the plug center pin and the Ground (Shield) to the connector strain relief. If this gives you good mic level, then use it. If the level is very low or inaudible, add a 1/8 Watt resistor between the Source (Audio) lead and ground. We will be happy to mail you a few, if you can't find any locally. A good starting value is 1k to 2k Ohms. The smaller the resistor; the higher the gain. If you have questions, call Lectrosonics Customer Service for assistance.

## Final Assembly Procedure

This procedure applies to both 2-wire and 3-wire microphones:

1. Locate the tube of RTV and the RTV dispenser (Part #56113). (It looks like a syringe without a needle).
2. Replace the light blue cap on the RTV dispenser with one of the gray nozzles (Part #56114), then remove the plunger and set it aside.
3. Remove the top of the tube of RTV, reverse it and pierce the metallic seal at the top of the tube.
4. Squeeze approximately 1/2 inch of RTV from the tube into the RTV dispenser. Replace the cap on the tube of RTV and set it aside.
5. Replace the plunger in the RTV dispenser. While pointing the nozzle upward, gently push the plunger into the RTV dispenser until any excess air is squeezed out.
6. Using the RTV dispenser, fill the plug cover with flowable silicone sealant (see Figure 1) to approximately halfway between the plug strain relief and the top of the plug cover (1/16" from the top). Allow the RTV settle for a few minutes and then slide the tubing down into the plug cover as far as it will go. Wipe off any excess sealant that may be forced out of the plug shell with a paper towel.
7. Insert the nozzle of the dispenser deep into the top of the tubing and fill the tubing with RTV. (See Figures 2 & 3.)
8. Hang the cable so the connector dangles freely straight down to cure for at least 8 hours (overnight is better). This will ensure a watertight bond between the sealant, cable, cover and silicone tubing.

9. Lubricate an O-ring (Part #35750) with a petroleum-based jelly or white grease and install in the groove of the plug cover. **Do not use a silicone-based grease as silicone oils will attack the O-ring material.** (See Figure 4.)



Figure 4 - Location O-Ring groove



Figure 1 - Filling the Plug Cover with RTV



Figure 2 - Injecting the sealant deep into the tubing



Figure 3 - Pulling the nozzle out as the tubing fills with sealant

**Caution:** For efficiency, you may be tempted to install the O-ring at the beginning of this procedure. **DO NOT DO THIS!** If you install the O-Ring before the RTV sealant has the opportunity to cure thoroughly, you run the risk of the RTV sealant bonding to the O-ring since it is also silicone. The O-ring must be free to move to seal properly.

10. The assembly is now finished and ready for use.





**DOW CORNING CORPORATION  
Material Safety Data Sheet**

**DOW CORNING(R) 734 FLOWABLE SEALANT, CLEAR**

**1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY**

Dow Corning Corporation  
South Saginaw Road  
Midland, Michigan 48686

**24 Hour Emergency Telephone: (989) 496-5900**  
Customer Service: (989) 496-6000  
Product Disposal Information: (989) 496-6315  
CHEMTREC: (800) 424-9300

MSDS No.: 01907506

Revision Date: 2001/10/17

Generic Description: Silicone elastomer  
Physical Form: Viscous Liquid  
Color: Colorless  
Odor: Acetic acid odor

NFPA Profile: Health 2 Flammability 2 Instability/Reactivity 0

Note: NFPA = National Fire Protection Association

**2. OSHA HAZARDOUS COMPONENTS**

CAS Number	Wt. %	Component Name
17689-77-9	3.0 - 7.0	Ethyltriacetoxysilane
4253-34-3	1.0 - 5.0	Methyltriacetoxysilane
541-02-6	<1.0	Decamethylcyclopentasiloxane
556-67-2	<1.0	Octamethylcyclotetrasiloxane
108-24-7	<=0.1	Acetic anhydride
64-19-7	<=0.1	Acetic acid

The above components are hazardous as defined in 29 CFR 1910.1200.

**3. EFFECTS OF OVEREXPOSURE**

Acute Effects

Eye: Direct contact may cause moderate irritation.  
Skin: May cause moderate irritation.  
Inhalation: Irritates respiratory passages very slightly.  
Oral: Low ingestion hazard in normal use.

Prolonged/Repeated Exposure Effects

Skin: No known applicable information.

**DOW CORNING CORPORATION  
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Inhalation: No known applicable information.

Oral: No known applicable information.

Signs and Symptoms of Overexposure

No known applicable information.

Medical Conditions Aggravated by Exposure

No known applicable information.

The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Please refer to Section 11 for the detailed toxicology information.

**4. FIRST AID MEASURES**

Eye: Immediately flush with water for 15 minutes. Get medical attention.

Skin: Remove from skin and wash thoroughly with soap and water or waterless cleanser. Get medical attention if irritation or other ill effects develop or persist.

Inhalation: No first aid should be needed.

Oral: No first aid should be needed.

Comments: Treat according to person's condition and specifics of exposure.

**5. FIRE FIGHTING MEASURES**

Flash Point: 188.6 °F / 87 °C (Closed Cup)

Autoignition Temperature: Not determined.

Flammability Limits in Air: Not determined.

Extinguishing Media: On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO2), dry chemical or water spray. Water can be used to cool fire exposed containers.

Fire Fighting Measures: Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

Unusual Fire Hazards: None.

Hazardous Decomposition Products

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde.

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<p><b>DOW CORNING(R) 734 FLOWABLE SEALANT, CLEAR</b></p>									
<p><b>6. ACCIDENTAL RELEASE MEASURES</b></p> <p>Containment/Clean up: Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protection equipment recommendations described in Sections 5 and 8. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbant. Clean area as appropriate since some silicone materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.</p> <p>Note: See section 8 for Personal Protective Equipment for Spills. Call Dow Corning Corporation, (989) 496-5900, if additional information is required.</p>									
<p><b>7. HANDLING AND STORAGE</b></p> <p>Use with adequate ventilation. Product evolves acetic acid (HOAc) when exposed to water or humid air. Provide ventilation during use to control HOAc within exposure guidelines or use respiratory protection. Avoid eye contact. Avoid skin contact.</p> <p>Static electricity will accumulate and may ignite vapors. Prevent a possible fire hazard by bonding and grounding or inert gas purge. Keep container closed and away from heat, sparks, and flame. Keep container closed and store away from water or moisture.</p>									
<p><b>8. EXPOSURE CONTROLS / PERSONAL PROTECTION</b></p> <table border="1"> <thead> <tr> <th>Component</th> <th>Exposure Limits</th> </tr> </thead> <tbody> <tr> <td><u>CAS Number</u>    <u>Component Name</u></td> <td><u>Exposure Limits</u></td> </tr> <tr> <td>17689-77-9    Ethyltriacetoxysilane</td> <td>See acetic acid comments.</td> </tr> <tr> <td>4253-34-3    Methyltriacetoxysilane</td> <td>See acetic acid comments.</td> </tr> </tbody> </table> <p>Acetic acid is formed upon contact with water or humid air. Provide adequate ventilation to control exposures within guidelines of OSHA PEL: TWA 10 ppm and ACGIH TLV: TWA 10 ppm, STEL 15 ppm.</p> <p><b>Engineering Controls</b></p> <p>Local Ventilation: None should be needed. General Ventilation: Recommended.</p> <p><b>Personal Protective Equipment for Routine Handling</b></p> <p>Eyes: Use proper protection - safety glasses as a minimum.</p>		Component	Exposure Limits	<u>CAS Number</u> <u>Component Name</u>	<u>Exposure Limits</u>	17689-77-9    Ethyltriacetoxysilane	See acetic acid comments.	4253-34-3    Methyltriacetoxysilane	See acetic acid comments.
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<p><b>DOW CORNING</b></p> <p><b>DOW CORNING CORPORATION</b> <b>Material Safety Data Sheet</b></p>	<p>Page: 4 of 7</p>
<p><b>DOW CORNING(R) 734 FLOWABLE SEALANT, CLEAR</b></p>	
<p>Skin: Wash at mealtime and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended.</p> <p>Suitable Gloves: Silver Shield(R). 4H(R).</p> <p>Inhalation: No respiratory protection should be needed.</p> <p>Suitable Respirator: None should be needed.</p> <p><b>Personal Protective Equipment for Spills</b></p> <p>Eyes: Use proper protection - safety glasses as a minimum.</p> <p>Skin: Wash at mealtime and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended.</p> <p>Inhalation/Suitable Respirator: No respiratory protection should be needed.</p> <p>Precautionary Measures: Avoid eye contact. Avoid skin contact. Use reasonable care.</p> <p>Comments: Product evolves acetic acid (HOAc) when exposed to water or humid air. Provide ventilation during use to control HOAc within exposure guidelines or use respiratory protection.</p> <p>Note: These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.</p>	
<p><b>9. PHYSICAL AND CHEMICAL PROPERTIES</b></p> <p>Physical Form: Viscous Liquid Color: Colorless Odor: Acetic acid odor Specific Gravity @ 25°C: 1.03 Viscosity: 350 cSt Freezing/Melting Point: Not determined. Boiling Point: &gt; 35C/95F Vapor Pressure @ 25°C: Not determined. Vapor Density: Not determined. Solubility in Water: Not determined. pH: Not determined. Volatile Content: &lt; 5 %</p> <p>Note: The above information is not intended for use in preparing product specifications. Contact Dow Corning before writing specifications.</p>	
<p><b>10. STABILITY AND REACTIVITY</b></p> <p>Chemical Stability: Stable.</p>	

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Hazardous Polymerization: Hazardous polymerization will not occur.  
 Conditions to Avoid: None.  
 Materials to Avoid: Oxidizing material can cause a reaction. Water, moisture, or humid air can cause hazardous vapors to form as described in Section 8.

**11. TOXICOLOGICAL INFORMATION**

**Special Hazard Information on Components**

No known applicable information.

**12. ECOLOGICAL INFORMATION**

**Environmental Fate and Distribution**

Complete information is not yet available.

**Environmental Effects**

Complete information is not yet available.

**Fate and Effects in Waste Water Treatment Plants**

Complete information is not yet available.

Hazard Parameters (LC50 or EC50) Acute Aquatic Toxicity (mg/L) Acute Terrestrial Toxicity	Ecotoxicity Classification Criteria		
	High <=1 <=100	Medium >1 and <=100 >100 and <= 2000	Low >100 >2000

This table is adapted from "Environmental Toxicology and Risk Assessment", ASTM STP 1179, p.34, 1993.

This table can be used to classify the ecotoxicity of this product when ecotoxicity data is listed above. Please read the other information presented in the section concerning the overall ecological safety of this material.

**13. DISPOSAL CONSIDERATIONS**

**RCRA Hazard Class (40 CFR 261)**

When a decision is made to discard this material, as received, is it classified as a hazardous waste? No

State or local laws may impose additional regulatory requirements regarding disposal.

Call Dow Corning Corporate Environmental Management, (989) 496-6315, if additional information is required.

**14. TRANSPORT INFORMATION**

**DOT Road Shipment Information (49 CFR 172.101)**

**DOW CORNING CORPORATION  
Material Safety Data Sheet**

**DOW CORNING(R) 734 FLOWABLE SEALANT, CLEAR**

Proper Shipping Name: COMBUSTIBLE LIQUID, N.O.S.  
 Hazard Technical Name: ACETOXY-SILANE  
 Hazard Class: COMBUSTIBLE LIQUID  
 UN/NA Number: NA1993  
 Packing Group: III  
 Remarks: Above applies only to containers over 119 gallons or 450 liters.

**Ocean Shipment (IMDG)**

Not subject to IMDG code.

**Air Shipment (IATA)**

Not subject to IATA regulations.

Call Dow Corning Transportation, (989) 496-8577, if additional information is required.

**15. REGULATORY INFORMATION**

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA Status: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

**EPA SARA Title III Chemical Listings**

**Section 302 Extremely Hazardous Substances:**

None.

**Section 304 CERCLA Hazardous Substances:**

None.

**Section 312 Hazard Class:**

Acute: Yes  
 Chronic: No  
 Fire: Yes  
 Pressure: No  
 Reactive: No

**Section 313 Toxic Chemicals:**

None present or none present in regulated quantities.

**Supplemental State Compliance Information**

California

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**DOW CORNING(R) 734 FLOWABLE SEALANT, CLEAR**

Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

None known.

**Massachusetts**

No ingredient regulated by MA Right-to-Know Law present.

**New Jersey**

<u>CAS Number</u>	<u>Wt %</u>	<u>Component Name</u>
70131-67-8	> 60.0	Dimethyl siloxane, hydroxy-terminated
112945-52-5	7.0 - 13.0	Amorphous fumed silica
17689-77-9	3.0 - 7.0	Ethyltriacetoxysilane
4253-34-3	1.0 - 5.0	Methyltriacetoxysilane

**Pennsylvania**

<u>CAS Number</u>	<u>Wt %</u>	<u>Component Name</u>
70131-67-8	> 60.0	Dimethyl siloxane, hydroxy-terminated
112945-52-5	7.0 - 13.0	Amorphous fumed silica
17689-77-9	3.0 - 7.0	Ethyltriacetoxysilane

**16. OTHER INFORMATION**

Prepared by: Dow Corning Corporation

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

(R) indicates Registered Trademark

## Service and Repair

If your system malfunctions, you should attempt to correct or isolate the trouble before concluding that the equipment needs repair. Make sure you have followed the setup procedure and operating instructions. Check the interconnecting cables and then go through the **Troubleshooting** section in this manual.

We strongly recommend that you **do not** try to repair the equipment yourself and **do not** have the local repair shop attempt anything other than the simplest repair. If the repair is more complicated than a broken wire or loose connection, send the unit to the factory for repair and service. Don't attempt to adjust any controls inside the units. Once set at the factory, the various controls and trimmers do not drift with age or vibration and never require readjustment. **There are no adjustments inside that will make a malfunctioning unit start working.**

LECTROSONICS' Service Department is equipped and staffed to quickly repair your equipment. In warranty repairs are made at no charge in accordance with the terms of the warranty. Out-of-warranty repairs are charged at a modest flat rate plus parts and shipping. Since it takes almost as much time and effort to determine what is wrong as it does to make the repair, there is a charge for an exact quotation. We will be happy to quote approximate charges by phone for out-of-warranty repairs.

## Returning Units for Repair

For timely service, please follow the steps below:

- A. DO NOT return equipment to the factory for repair without first contacting us by email or by phone. We need to know the nature of the problem, the model number and the serial number of the equipment. We also need a phone number where you can be reached 8 A.M. to 4 P.M. (U.S. Mountain Standard Time).
- B. After receiving your request, we will issue you a return authorization number (R.A.). This number will help speed your repair through our receiving and repair departments. The return authorization number must be clearly shown on the **outside** of the shipping container.
- C. Pack the equipment carefully and ship to us, shipping costs prepaid. If necessary, we can provide you with the proper packing materials. UPS is usually the best way to ship the units. Heavy units should be "double-boxed" for safe transport.
- D. We also strongly recommend that you insure the equipment, since we cannot be responsible for loss of or damage to equipment that you ship. Of course, we insure the equipment when we ship it back to you.

### Lectrosonics USA:

**Mailing address:**

Lectrosonics, Inc.  
PO Box 15900  
Rio Rancho, NM 87174  
USA

**Shipping address:**

Lectrosonics, Inc.  
581 Laser Rd.  
Rio Rancho, NM 87124  
USA

**Telephone:**

(505) 892-4501  
(800) 821-1121 Toll-free  
(505) 892-6243 Fax

**Web:**

www.lectrosonics.com

**E-mail:**

sales@lectrosonics.com

### Lectrosonics Canada:

**Mailing Address:**

49 Spadina Avenue,  
Suite 303A  
Toronto, Ontario M5V 2J1

**Telephone:**

(416) 596-2202  
(877) 753-2876 Toll-free  
(877-7LECTRO)  
(416) 596-6648 Fax

**E-mail:**

Sales: colinb@lectrosonics.com  
Service: joeb@lectrosonics.com



## LIMITED ONE YEAR WARRANTY

The equipment is warranted for one year from date of purchase against defects in materials or workmanship provided it was purchased from an authorized dealer. This warranty does not cover equipment which has been abused or damaged by careless handling or shipping. This warranty does not apply to used or demonstrator equipment.

Should any defect develop, Lectrosonics, Inc. will, at our option, repair or replace any defective parts without charge for either parts or labor. If Lectrosonics, Inc. cannot correct the defect in your equipment, it will be replaced at no charge with a similar new item. Lectrosonics, Inc. will pay for the cost of returning your equipment to you.

This warranty applies only to items returned to Lectrosonics, Inc. or an authorized dealer, shipping costs prepaid, within one year from the date of purchase.

This Limited Warranty is governed by the laws of the State of New Mexico. It states the entire liability of Lectrosonics Inc. and the entire remedy of the purchaser for any breach of warranty as outlined above. **NEITHER LECTROSONICS, INC. NOR ANYONE INVOLVED IN THE PRODUCTION OR DELIVERY OF THE EQUIPMENT SHALL BE LIABLE FOR ANY INDIRECT, SPECIAL, PUNITIVE, CONSEQUENTIAL, OR INCIDENTAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THIS EQUIPMENT EVEN IF LECTROSONICS, INC. HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT SHALL THE LIABILITY OF LECTROSONICS, INC. EXCEED THE PURCHASE PRICE OF ANY DEFECTIVE EQUIPMENT.**

This warranty gives you specific legal rights. You may have additional legal rights which vary from state to state.

