

Material Safety Data Sheet

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Section 1: Product Identification

MSDS: 8337 **Name: Speaker Service Cement**

Related Part Numbers: 8337-55mL

Use: Adhesive for speaker repair and maintenance.

Section 2: Hazardous Ingredients

CAS#	Chemical Name	Percentage by weight	ACGIH TWA	OSHA PEL	OSHA STEL
67-64-1	2-Propanone	66-72	750ppm	750ppm	1000ppm

Section 3: Hazards Identification

Eyes: Produces irritation, characterized by a burning sensation.
Skin: May cause skin irritation.
Inhalation: Inhalation of high concentrations may cause central nervous system (CNS) depression.
Ingestion: May cause digestive tract irritation.
Chronic: May cause kidney and liver damage.

Section 4: First Aid Measure

Eyes: Remove contact lenses. Flush with copious amounts of water or saline. Get medical aid.
Skin: Clean area with water, and soap if available until clean. Get medical aid if symptoms persist.
Inhalation: Remove from exposure area to fresh air.
Ingestion: Induce vomiting. If conscious, give 1-2 glasses of water. Get medical aid.

Section 5: Fire Fighting Measures

Autoignition Temperature: 465 C **Flash Point:** -20° C/-4°F **LEL / UEL:** 2.6/12.8
Extinguishing Media: Dry chemical, Carbon Dioxide, Foam.
General Information: Will burn if involved in a fire. Vapors can travel back to source of ignition and flash back.

Section 6: Accidental Release Measures

Spill Procedure: Remove all sources of ignition. Provide adequate ventilation. Wear appropriate personal protection. Sprinkle absorbent compound onto spill, then sweep into a plastic or metal container. Wipe up further residue with a paper towel and place in container. Wash spill area with soap and water.

Section 7: Handling and Storage

- Handling:** Wash thoroughly after handling. Avoid contact with eyes, skin, and clothing. Do not ingest or inhale. Do not expose container to heat or flame.
- Storage:** Keep container closed. Keep away from sources of ignition. Store in a cool, dry, ventilated area, away from incompatible substances.

Section 8: Exposure Controls

- Routes of entry:** Eyes, ingestion, inhalation, and skin.
- Ventilation:** Use adequate general or local exhaust ventilation to keep airborne concentrations below exposure limits.
- Personal Protection:** Wear appropriate protective eyeglasses or chemical safety goggles. Wear appropriate protective clothing to prevent skin contact. Use a NIOSH approved respirator when necessary.

Section 9: Physical and Chemical Properties

Physical State:	Liquid	Odor:	Ketone	Solubility in water:	Miscible	Evaporation Rate:	1.9	
Boiling Point:	56°C	Specific Gravity:	0.90	Vapor Pressure:	186 mmHg	Vapor Density:	2.0 (Air=1)	pH: N/A

Section 10: Stability and Reactivity

- Stability:** Stable at normal temperatures and pressures.
- Conditions to avoid:** Temperatures over 40°C, ignition sources, and incompatible materials. Exposure to moist air and water.
- Incompatibilities:** Strong oxidizing agents, alkalis, strong mineral acids, amines, activated carbon.
- Polymerization:** Will not occur.
- Decomposition:** Carbon monoxide, carbon dioxide.

Section 11: Toxicological Information

Sensitization: (effects of repeated exposure)	Repeated contact may cause defatting of the skin resulting in dermatitis.			
Carcinogenicity: (risk of cancer)	No			
Teratogenicity: (risk of malformation in an unborn fetus)	No			
Reproductive Toxicity: (risk of sterility)	No			
Mutagenicity: (risk of heritable genetic effects)	No			
Lethal Exposure Concentrations:	Ingestion (LD50):	Inhalation (LC50):	Skin (LD50):	Inhalation (TCLo):
2-Propanone	3 mg/kg Rat	50100 mg/m ³ /8H Rat	>9400 uL/kg Guinea pig	30000 mg/m ³ /2H Rat

Section 12: Ecological Information

- General Information:**
- Volatile Organic compounds, % by weight:** 60%
- Volatile Organic compounds, grams per litre:** 540 g/L

Section 13: Disposal Information

- General Information:** Dispose in accordance with all local, provincial, state, and federal regulations. Water runoff can cause environmental damage.

Section 14: Transportation Information

Ground Canada: (sizes 1 liter or less)

Classified as **Consumer Commodity**.

Recommend Shipper be trained and certified. Refer to TDG regulations (Canadian Transportation of Dangerous Goods regulations).

Ground USA: (sizes 1 liter or less)

Classified as **ORM-D**.

Recommend Shipper be trained and certified. Refer to USA CFR 49 Regulations (Parts 100 to 185).

Ground Canada and USA: (all sizes larger than 1 liter)

Shipper must be trained and certified. Refer to TDG regulations (Canadian Transportation of Dangerous Goods regulations).

Refer to USA CFR 49 Regulations (Parts 100 to 185).

Shipping Name: **Adhesives**, UN number: **1133**, Class: **3**, Packing Group: **II**, Flash Point: **-20°C**.

Air:

Shipper must be trained and certified. Refer to IATA Dangerous Goods Regulations.

Shipping Name: **Adhesives**, UN number: **1133**, Class: **3**, Packing Group: **II**, Flash Point: **-20°C**.

Packing and documentation in accordance to IATA regulations.

Sea:

Shipper must be trained and certified. Refer to IMDG regulations.

Shipping Name: **Adhesives**, UN number: **1133**, Class: **3**, Packing Group: **II**, Flash Point: **-20°C**.

Section 15: Regulatory Information

CANADA

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulations.

DSL

All ingredients in this product are listed on the Domestic Substances List

WHMIS

This product belongs to the following categories: **B2**

Industry and Science Canada

MG Labels products intended for the workplace to conform to WHMIS labeling regulations. Product identification, net quantity declaration, minimum printing type size heights, and packaging of this product are in compliance.

Health Canada

Products produced by MG Chemicals intended for retail display conform to the Canadian Consumer Labeling Regulations.

USA

CAA (Clean Air Act, USA)

This product does not contain any class 1 ozone depleting substances.

This product does not contain any class 2 ozone depleting substances.

This product does not contain any chemicals listed as hazardous air pollutants.

SARA (Superfund Amendments and Reauthorization Act of 1986, USA, 40 CFR 372.4)

This product contains **Acetone CAS# 67-64-14 (66%)** a toxic chemical subject to the reporting requirements.

EPCRA (Emergency Planning and Right to Know Act, USA, 40 CFR 372.45)

This product contains **Acetone CAS# 67-64-14 (66%)** a chemicals subject to the reporting requirements of section 313 Title III of the SARA of 1986 and 40 CFR part 372.

TSCA (Toxic Substances Control Act of 1976, USA)

All substances are TSCA listed.

California Proposition 65 (Chemicals know to cause cancer or reproductive toxicity, May 1, 1997 revision, USA)

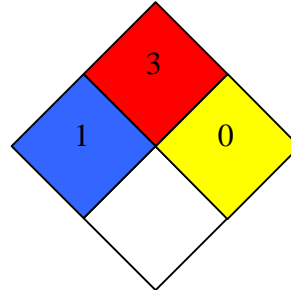
This product does not contain any chemicals listed.

Section 15: Regulatory Information

HMIS RATING

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

NFPA CODES



EUROPE

RoHS

This product does not contain any lead, cadmium, mercury, hexavalent chromium, PBB's, or PBDE's, and complies with European RoHS regulations.

WEEE

This product is not a piece of electrical or electronics equipment, and is therefore not governed by this regulation.

Section 16: Other Information

Definitions: N/A = not applicable, N/E = not established

Disclaimer: This material safety data sheet is provided as an information resource only. M.G. Chemicals believes the information contained herein is accurate and compiled from reliable sources. It is the responsibility of the user to verify its validity. The buyer assumes all responsibility of using and handling the product in accordance with federal, state, and local regulations.