

# Material Safety Data Sheet

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## Section 1: Product Identification

**MSDS Code: 8336**                      **Name: Super Contact Cement**

**Related Part Numbers: 8336-55ML**

Use: A quick bonding adhesive.

## Section 2: Hazardous Ingredients

CAS#	Chemical Name	Percentage by weight	ACGIH TWA	Osha Pel	Osha Stel
64742-89-8	Aliphatic naphtha solvent	30 – 60	300ppm	500ppm	N/E
108-88-3	Toluene	10 – 30	188mg/m <sup>3</sup>	375mg/m <sup>3</sup>	N/E
78-93-3	2-butanone	5 – 10	N/E	200ppm	N/E
1309-48-4	Magnesium oxide	1 – 5	10 mg/m <sup>3</sup>	15mg/m <sup>3</sup>	N/E

## Section 3: Hazards Identification

<b>Eyes:</b>	Irritates eyes, causes tearing from eye irritation. Will bond eyelids together on contact. Vapors may cause tearing and irritation. May cause corneal damage.
<b>Skin:</b>	May be absorbed through the skin.
<b>Inhalation:</b>	Irritation of mucous membranes resulting in coughing, irritation of the eyes, headaches and dizziness. May affect central nervous system.
<b>Ingestion:</b>	Gastro-intestinal irritation, nausea, vomiting and diarrhea.
<b>Chronic:</b>	Prolonged and repeated contact may lead to dermatitis.

## Section 4: First Aid Measure

<b>Eyes:</b>	Remove to fresh air. Flush areas of contact with water holding eyelids open and apart. Wash within 1 minute of exposure.
<b>Skin:</b>	Wash with large quantities of soap and water. Seek medical attention if irritation develops or persists.
<b>Inhalation:</b>	Remove to fresh air. If not breathing, give artificial respiration. Get medical aid.
<b>Ingestion:</b>	Do not induce vomiting. Give 2 to 3 glasses of milk or water unless unconscious. Seek medical attention immediately.

## Section 5: Fire Fighting Measures

<b>Autoignition Temperature:</b>	250°C	<b>Flash Point:</b>	-12°C	<b>LEL / UEL:</b>	1/10
<b>Extinguishing Media:</b>	Carbon dioxide, dry chemical or foam.				
<b>General Information:</b>	Extremely flammable, vapors may cause flash fires. Fumes may be potentially toxic and irritating. Fire fighters should be equipped with self-containing breathing units.				

## 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:** Allow product to reach room temperature before use. Wash thoroughly after handling. Avoid contact with eyes, skin, and clothing. Do not ingest or inhale. Do not expose container to heat, flame, or ignition.

**Storage:** Avoid moisture, direct UV - sunlight and do not store above 25°C. Keep containers closed tightly when not in use. Ideal storage 5 - 10°C.

## Section 8: Exposure Controls

**Routes of entry:** Eyes, ingestion, inhalation, 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

<b>Physical State:</b>	Yellow Liquid	<b>Odor:</b>	Solvent Odor	<b>Solubility:</b>	Insoluble	<b>Evaporation Rate:</b>	>1 (Butyl Acetate=1)	
<b>Boiling Point:</b>	66°C	<b>Specific Gravity:</b>	0.82 @25°C	<b>Vapor Pressure:</b>	N/E	<b>Vapor Density:</b>	3.0	<b>pH:</b> N/A

## Section 10: Stability and Reactivity

**Stability:** Stable at normal temperatures and pressures.

**Conditions to avoid:** Temperatures over 40°C, sources of ignition, flame, strong oxidizing agents.

**Incompatibilities:** Strong oxidizing agents.

**Polymerization:** Will not occur.

**Decomposition:** Combustible by-products of hydrocarbons, trace chlorine products, carbon monoxide and carbon dioxide.

## Section 11: Toxicological Information

**Sensitization:** (effects of repeated exposure) Repeated skin contact may cause defatting of the skin resulting in dermatitis.

**Carcinogenicity:** (risk of cancer) No

**Teratogenicity:** (risk of malformation in an unborn fetus) Deliberate and repeated inhalation may result in teratogenic and embryonic toxic effects.

**Reproductive Toxicity:** (risk of sterility) This product contains toluene known to cause reproductive toxicity.

**Mutagenicity:** (risk of heritable genetic effects) No.

<b>Lethal Exposure Concentrations:</b>	<b>Ingestion (LD50):</b>	<b>Inhalation (LC50):</b>	<b>Skin (LD50):</b>	<b>Inhalation (TCLo):</b>
Aliphatic naphtha solvent	N/E	N/E	N/E	N/E
Toluene	636 mg/kg Rat	49 gm/m3/4H Rat	14100 uL/kg Rabbit	40 mL/kg/2H Rabbit
2-butanone	3000 mg/kg Mouse	32 gm/m3/4H Mouse	6480 mg/kg Rat	1250 mg/m3 Rabbit
Magnesium oxide	N/E	N/E	N/E	1000 mg/m3/4H/50D Rat

## Section 12: Ecological Information

### General Information:

**Volatile Organic compounds, % by weight:** 30%  
**Volatile Organic compounds, grams per litre:** 249g/L

## Section 13: Disposal Information

**General Information:** Dispose of in accordance with all local, provincial, state, and federal regulations.

## 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: **-12°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: **-12°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: **-12°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, D2B**

#### 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 **Toluene CAS# 108-88-3 (10%)** a toxic chemical subject to the reporting requirements.

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

This product contains **Toluene CAS# 108-88-3 (10%)** 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.

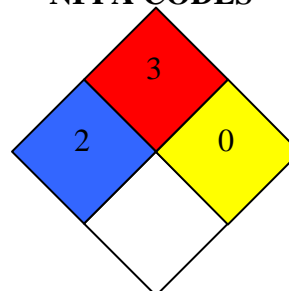
**California Proposition 65** (Chemicals know to cause cancer or reproductive toxicity, May 1, 1997 revision, USA)

This product does contain Toluene, known to state of California, to be reproductively toxic.

#### HMIS RATING

<b>HEALTH:</b>	<b>2</b>
<b>FLAMMABILITY:</b>	<b>3</b>
<b>PHYSICAL HAZARD:</b>	<b>0</b>
<b>PERSONAL PROTECTION:</b>	

#### 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.



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