

# Material Safety Data Sheet

<b>Revision Date</b> February 7 <sup>th</sup> , 2005	<b>Prepared by</b> David MacKinnon	<b>Technical Information</b> 1-800-201-8822 or <a href="mailto:support@mgchemicals.com">support@mgchemicals.com</a>
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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 naptha solvent	30 – 60	300ppm	500ppm	n/e
108-88-3	toluene	10 – 30	188mg/m <sup>3</sup>	375mg/m <sup>3</sup>	
78-93-3	2-butanone	5 – 10	n/e	200ppm	n/e
1309-48-4	magnesium oxide	1 – 5	n/e	15mg/m <sup>3</sup>	n/e

## Section 3: Hazards Identification

**WHMIS Codes:** B2, D2A

**NFPA Ratings:** Health 2 Flammability 3 Reactivity 0

**HMIS Ratings:** Health 2 Flammability 3 Reactivity 0

**Eyes:** Irritates eyes, causes tearing from eye irritation. Will bond eyelids together on contact. Vapors may cause tearing and irritation. May cause corneal damage.

**Skin:** May be absorbed through the skin.

**Inhalation:** Irritation of mucous membranes resulting in coughing, irritation of the eyes, headaches and dizziness. May affect central nervous system.

**Ingestion:** Gastro-intestinal irritation, nausea, vomiting and diarrhea.

**Chronic:** Prolonged and repeated contact may lead to dermatitis.

## Section 4: First Aid Measure

**Eyes:** Remove to fresh air. Flush areas of contact with water holding eyelids open and apart. Wash within 1 minute of exposure.

**Skin:** Wash with large quantities of soap and water. Seek medical attention if irritation develops or persists.

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. Get medical aid.

**Ingestion:** Do not induce vomiting. Give 2 to 3 glasses of milk or water unless unconscious. Seek medical attention immediately.

### Section 5: Fire Fighting Measures

**Autoignition Temperature:** 250°C

**Flash Point:** -12°C

**LEL / UEL:** 1/10

**Extinguishing Media:** Carbon dioxide, dry chemical or foam.

**General Information:** 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:** Protect from sources of ignition and use sand to absorb spill.

### Section 7: Handling and Storage

**Handling:** Avoid breathing vapor, contact with eyes / skin. 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>	n/e	<b>Solubility:</b>	insoluble	<b>Evaporation Rate:</b>	n/e		
<b>Boiling Point:</b>	66°C	<b>Specific Gravity:</b>	0.82	<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

<b>Sensitization:</b> (effects of repeated exposure)	Repeated skin contact may cause defatting of the skin resulting in dermatitis.		
<b>Carcinogenicity:</b> (risk of cancer)	No		
<b>Teratogenicity:</b> (risk of malformation in an unborn fetus)	Deliberate and repeated inhalation may result in teratogenic and embryonic toxic effects.		
<b>Reproductive Toxicity:</b> (risk of sterility)	This product contains toluene known to cause reproductive toxicity.		
<b>Mutagenicity:</b> (risk of heritable genetic effects)	No.		
<b>Lethal Exposure Concentrations:</b>	<b>Ingestion(LD50):</b> 2g/kg (rat)	<b>Inhalation (LC50):</b> 8800ppm 4hr (rat)	<b>Skin (LD50):</b> 3.2g/kg (rabbit)

## Section 12: Ecological Information

<b>General Information:</b>	n/e.					
<b>Environmental Impact Data:</b> (percentage by weight)	<b>CFC:</b> 0	<b>HFC:</b> 0	<b>Cl.Solv.:</b> 0	<b>VOC:</b> 30	<b>HCFC:</b> 0	<b>ODP:</b> 0

## Section 13: Disposal Information

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

## Section 14: Transportation Information

**Ground:**

Not regulated

**Air:**

Shipper must be trained and certified. Refer to IATA regulations, UN# 1133, packing groups 2.

**Sea:**

Shipper must be trained and certified. Refer to IMDG regulations. Limited Quantity, UN# 1133, Adhesives.

## Section 15: Regulatory Information

**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.**

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

None of the chemicals in this product have a reportable quantity.

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

This product does not contain any 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.

**CAA** (Clean Air Act, USA)

This product does not contain any class 1 ozone depleters.

This product does not contain any class 2 ozone depleters.

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

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

This product contains toluene, known to the state of California, to be reproductively toxic.

**Health Canada**

Labeling and containers used in this product are listed in compliance with Consumer Chemicals and Container regulations.

**Environment Canada**

Chemicals in this product are listed on the Domestic Substances List in the Canadian Environmental Protection Act

This product does not contain any ozone depleting substances.

**Industry and Science Canada**

Labeling, product identity, net quantity declaration, minimum printing type size heights, and packaging of this product is in compliance with the Consumer Packaging and Labeling Act and Regulations. This product is not slack filled in accordance to chapter 4 prohibitions.

**RoHS** (The restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2004).

This product is RoHS compliant.

## 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.