

SUPER CONTACT CEMENT

8336-LIQUID

Safety Data Sheet

Section 1: Product and Company Identification



Product Identifier and Other Means of Identification

Product Name: Super Contact Cement**SDS Code:** 8336-Liquid**Related Part #** 8336-55ML

Recommended Use and Restriction on Use

Use: Contact adhesive**Uses Advised Against:** Not applicable

Details of Manufacturer or Importer

ManufacturerMG Chemicals
1210 Corporate Drive
Burlington, Ontario L7L 5R6
CANADAMG Chemicals (Head Office)
9347-193 Street
Surrey, British Columbia V4N 4E7
CANADA +1-800-340-0772**FAX** +1-800-340-0773**E-MAIL** support@mgchemicals.com**WEB** www.mgchemicals.com +1-905-331-1396**FAX** +1-905-331-2682**E-MAIL** info@mgchemicals.com**E-MAIL** (Competent Person): sds@mgchemicals.com

Emergency Phone Number

For hazardous material incidents ONLY (leaks, spills, fires, exposures or accidents)USA or CANADA—Call Verisk 3E at **+1-866-519-4752** or **+1-760-476-3962**

(Service access code: 335388)




For emergencies involving dangerous goods; Collect 24/7CANADA: Call CANUTEC : **+1-613-996-6666** or ***666** on cellular phones

SUPER CONTACT CEMENT
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Section 2: Hazard(s) Identification
Classification of Hazardous Chemical
GHS Categories

Criteria	Category	Signal Word	Pictograms
Flammable liquid	2	Danger	Flame
Eye Irritation	2	Warning	Exclamation
Skin Irritation	2	Warning	Exclamation
Specific Target Organ Toxicity Single Exposure	3	Warning	Exclamation
Environmental Hazard Chron. Aqua. Tox.	2	<i>none</i>	Environment

Note: The degree of severity is ranked within each hazard class from 1 (Highest Severity) to up to 5 (Lowest Severity), which is opposite to HMIS and NFPA conventions. Severity category rankings do not allow comparisons between classes.

Label Elements

Signal Word	DANGER
Pictograms	Hazard Statements
	H225: Highly flammable liquid and vapor
	H319: Causes serious eye irritation H315: Causes skin irritation H336: May cause drowsiness and dizziness
	H411: Toxic to aquatic life with long lasting effects

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Prevention	Precautionary Statements
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, flames, and other ignition sources. No Smoking.
P233	Keep container tightly closed.
P261 + P271	Avoid breathing mist, vapors or spray. Use only outdoors or in well-ventilated area.
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves and eye protection or face protection.
P273	Avoid release to the environment
Response	Precautionary Statements
P370 + P378	In case of fire: Use dry chemical, carbon dioxide, chemical foam, or water spray to extinguish.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P332 + P313	If skin irritation occurs: Get medical advice or attention.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice or attention.
P304 + P340, P312	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTRE or doctor if you feel unwell.
P391	Collect Spillage.
Storage	Precautionary Statements
P403 + P235	Store in well ventilated place. Keep cool.
P405	Store locked up.
Disposal	Precautionary Statements
P501	Dispose of contents in accordance to local, regional, national, and international regulations.

Hazards Not Otherwise Classified

Repeated exposure may cause skin dryness or cracking.

SUPER CONTACT CEMENT
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Section 3: Composition/Information on Ingredients

CAS #	Chemical Name	Wt%
64742-89-8	solvent naphtha (petroleum), light aliphatic	30-60%
78-93-3	butan-2-one ^{a)}	10-30%
142-82-5	n-heptane	10-30%
109-60-4	1-propyl acetate	5-10%
68083-03-4	rosin, polymer with phenol	1-5%

a) Also known as methyl ethyl ketone (MEK)

Section 4: First Aid Measures

<i>Exposure Condition</i>	<i>GHS Code: Precautionary Statement</i>
IF ON SKIN (or hair)	P302 + P352, P332 + P313, P362 + P364
Immediate Symptoms	<i>dry skin, irritation</i>
Response	Take off immediately all contaminated clothing. Rinse skin with water or shower. If skin irritation occurs: Get medical advice or attention. Take off contaminated clothing and wash it before reuse.
IF IN EYES	P305 + P351 + P338, P337 + P313
Immediate Symptoms	<i>redness, severe irritation, pain</i>
Response	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention
IF INHALED	P304 + P340, P312
Immediate Symptoms	<i>drowsiness, dizziness, cough, irritation, sore throat, headaches</i>
Response	Remove person to fresh air (out of the contaminated zone) and keep comfortable for breathing. If feeling unwell: Call a POISON CENTRE or doctor

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IF SWALLOWED	P301 + P331 + P330
Immediate Symptoms	<i>mouth and throat dryness, drowsiness, dizziness, nausea, vomiting, headaches, unconsciousness</i>
Response	Do NOT induce vomiting. Rinse mouth.

Section 5: Fire-Fighting Measures

Extinguishing Media	In case of fire: Use dry chemical, carbon dioxide, chemical foam, or water spray to extinguish. Use water spray to cool containers.
Specific Hazards	The vapors are heavier than air and may accumulate in low-lying areas. Vapors may travel long distances and ignite at an ignition source, which can cause a flashback or an explosion.
Combustion Products	Produces carbon oxides (CO, CO ₂).
Fire-Fighter	Wear self-contained breathing apparatus and full fire-fighting turn-out gear.

Section 6: Accidental Release Measures

Personal Protection	See personal protection recommendations in Section 8.
Precautions for Response	Avoid breathing the mist, spray, or vapors. Remove all sources of ignition. For large spills, evacuate unnecessary and unprotected personnel. Ensure adequate ventilation.
Environmental Precautions	Prevent spill from entering drains and waterways.
Containment Methods	Contain with inert absorbent (such as soil, sand, vermiculite).
Cleaning Methods	Collect the liquid in a sealable, solvent-resistant container with an electrically protected vacuum cleaner, chemical absorbent, or chemical spill pad. RECOMMENDATION: Use a grounded stainless steel or carbon steel container, not plastic containers.
Disposal Methods	Dispose of spill waste according to Section 13.

SUPER CONTACT CEMENT**8336-LIQUID****Section 7: Handling and Storage****Prevention**

Keep out of reach of children.

Keep away from heat, hot surfaces, sparks, flames, and other ignition sources. No Smoking.

Keep container tightly closed.

Avoid breathing vapors or mist. Use only outdoors or in a well-ventilated area.

Do not eat, drink, or smoke when using this product.

Avoid release to the environment.

Handling

Wash hands thoroughly after handling.

Wear protective gloves, protective clothing, and eye protection. Wash contaminated clothing before reuse.

Collect spillage.

Storage

Keep container tightly closed.

Store in a well-ventilated area. Keep cool.

Store locked up.

SUPER CONTACT CEMENT
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Section 8: Exposure Controls/Personal Protection
Substances with Occupational Exposure Limit Values

Chemical Name	Country	Long Term Exposure Limits (PEL)	Short Term Exposure Limits (STEL)
solvent naphtha (petroleum) light aliphatic	ACGIH	300 ppm	Not established
	U.S.A. OSHA PEL	500 ppm	Not established
	Canada AB ^{a)}	1 500 mg/m ³	Not established
	Canada BC ^{b)}	1 590 mg/m ³	Not established
	Canada ON ^{a)}	1 500 mg/m ³	Not established
	Canada QC	300 ppm	Not established
butan-2-one	ACGIH	200 ppm	125 ppm
	U.S.A. OSHA PEL	200 ppm	300 ppm
	Canada AB	200 ppm	300 ppm
	Canada BC	50 ppm	100 ppm
	Canada ON	200 ppm	300 ppm
	Canada QC	150 ppm	300 ppm
heptane, all isomers	ACGIH	400 ppm	500 ppm
	U.S.A. OSHA PEL	500 ppm	Not established
	Canada AB	400 ppm	500 ppm
	Canada BC	400 ppm	500 ppm
	Canada ON	400 ppm	500 ppm
	Canada QC	400 ppm	500 ppm
n-propyl acetate	ACGIH	200 ppm	250 ppm
	U.S.A. OSHA PEL	200 ppm	Not established
	Canada AB	200 ppm	250 ppm
	Canada BC	200 ppm	250 ppm
	Canada ON	200 ppm	250 ppm
	Canada QC	200 ppm	250 ppm

Note: Ingredients are listed in descending weight contribution order (from greatest to least). The ACGIH¹, OSHA (Table Z-1), and Canadian provinces exposure limits were consulted. Limits from the RTECS² database and from suppliers' SDS were also consulted. Short term exposure limits (STEL) are for 15 min and long term permissible exposure limits (PEL) for 8 h.

- a) Estimated OEL using refined hydrocarbon solvent vapor mixture calculation
- b) Using the rubber solvent (Naphtha) limit of 400 ppm [1 590 mg/m³]
- c) Using Naphta VM & P limit of 300 ppm [1 370 mg/m³]

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SUPER CONTACT CEMENT**8336-LIQUID****Engineering Controls**

Ventilation Keep airborne concentrations below exposure limits.

Personal Protective Equipment

Eye protection Wear appropriate protective eyeglasses or chemical safety goggles.

RECOMMENDATION: Use safety glasses with lateral protection (side shields).

Skin Protection For likely contacts, use of protective butyl rubber, fluorinated rubber, or other chemically resistant gloves.

For incidental contacts, use polyvinyl alcohol (PVA), or other chemically resistant gloves.

Respiratory Protection For over-exposures up to 10 x OEL of mist, vapors, or spray, wear respirator such as a half-mask respirator with organic vapor cartridges resistant to oils.

Above 10 x OEL, use a positive-pressure, air-supplied respirator or a self-contained breathing apparatus.

RECOMMENDATION: Consult your local safety supply store to ensure that your respirator has a NIOSH (U.S.) approved filter cartridges appropriate for the ingredients listed in Section 3. The respirator should be fitted to the employee by a professional. Ensure vapor cartridges are stored in sealed plastic bags when not being used.

General Hygiene Considerations

Wash hands thoroughly with water and soap after handling.

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Section 9: Physical and Chemical Properties

Physical State	Liquid	Lower Flammability Limit	1%
Appearance	Yellow-tan	Upper Flammability Limit	7%
Odor	Ketone/gasoline-like	Vapor Pressure @20 °C	126 hPa [94 mmHg]
Odor Threshold	Not available	Vapor Density	≥2.5 (Air =1)
pH	Not available	Relative Density @25 °C	0.84
Freezing/Melting Point	Not available	Solubility in Water	Partially soluble
Initial Boiling Point ^{a)}	≥80 °C [176 °F]	Partition Coefficient n-octanol/water	Not available
Flash Point ^{b)}	-9 °C [16 °F]	Auto-ignition Temperature ^{d)}	≥220 °C [428 °F]
Evaporation Rate	Not available	Decomposition Temperature	Not available
Flammability	Flammable	Viscosity	1 400 mm ² /s

a) Value estimated from lowest component value.

b) Tag closed cup

c) Calculated value based on volatile components

Section 10: Stability and Reactivity

Reactivity	Not available.
Chemical Stability	Chemically stable at normal temperatures and pressures
Conditions to Avoid	Ignition sources, excessive heat, and incompatible substances. Vapors may form explosive mixture with air.
Incompatibilities	Strong oxidizing agents, strong reducing agents
Polymerization	Will not occur
Decomposition	Will not decompose under normal conditions. For thermal decomposition, see combustion products in Section 5

SUPER CONTACT CEMENT
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Section 11: Toxicological Information
Summary of Effects and Symptoms by Routes of Exposure

Eyes	Causes redness, serious eye irritation, pain.
Skin	May cause skin dryness, irritation.
Inhalation	May cause drowsiness, dizziness, cough, irritation, sore throat, and headache.
Ingestion	May cause mouth and throat dryness, drowsiness, dizziness, nausea, vomiting, headaches, and unconsciousness.
Chronic	Prolonged or repeated exposure may cause skin dryness and cracking, defat skin, local redness and discomfort.

Acute Toxicity (Lethal Exposure Concentrations)

Chemical Name	LD50 oral	LD50 dermal	LC50 inhalation
solvent naphtha (petroleum), light aliphatic	≥5 000 mg/kg Rat ^{a)}	≥2 000 mg/kg Rabbit ^{a)}	>7 630 mg/m ³ Rat 4 h ^{a)}
butan-2-one	2 737 mg/kg Rat	6 480 mg/kg Rabbit	23 500 mg/m ³ Rat 8 h
n-heptane	≥5 000 mg/kg Rat ^{a)}	≥2 000 mg/kg Rabbit ^{a)}	103 mg/L Rat 4 h
1-propyl acetate	8 700 mg/kg Rat	13 212 mg/kg Rabbit	8 000 ppm Rat 4 h
rosin, polymer with phenol	Not available	Not available	Not available

Note: Toxicity data from the RTECS² and ECHA databases were consulted. The data from supplier SDS were also consulted.

a) Toxicity values from key ECHA registrant studies

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SUPER CONTACT CEMENT**8336-LIQUID****Other Toxicological Effects**

Skin corrosion/irritation	The solvent naphtha and n-heptane components are skin irritants.
Serious eye damage/irritation	The butan-2-one and 1-propyl acetate components cause severe eye irritation.
Sensitization (allergic reactions)	Available data do not meet the criteria for classification
Carcinogenicity (risk of cancer)	None of the ingredients are classified or listed as a carcinogen by IARC, ACGIH, CA Prop 65, or NTP.
Mutagenicity (risk of heritable genetic effects)	Available data do not meet the criteria for classification
Reproductive Toxicity (risk to sex functions)	Available data do not meet the criteria for classification
Teratogenicity (risk of fetus malformation)	Available data do not meet the criteria for classification
STOT-single exposure	The solvent components can affect the central nervous system by inhalation causing drowsiness or dizziness.
STOT-repeated exposure	Available data do not meet the criteria for classification
Aspiration hazard	The mixture does not meet aspiration hazard classification criteria. It is composed of >10% Cat 1 substances, but the kinematic viscosity is >20.5 mm ² /s at 40 °C.

Section 12: Ecological Information

The IMDG Code criteria and the raw-material (M)SDS along with supporting data for the classification of registered substances from the European Chemical Agency database (<http://echa.europa.eu>) were used.

The solvent naphtha (petroleum), light aliphatic components is classified as chronic category 2 environmental toxicants.

The butan-2-one ingredient is not classified as an environmental hazard under GHS thresholds (with minimal LC50 96 h of 400 mg/L for *Pimephales promelas* (fathead minnow); LC50 48 h of >520 mg/L and EC50 48 h of 13 500 mg/L for *Daphnia magna* (water flea)).

The n-heptane component is an acute category 2 aquatic toxicant (with minimal LC50 96 h of 4 mg/L for *Carassius auratus* (gold fish); EC 50 48 h 13 500 mg/L *Daphnia magna* (water flea)).

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The propyl acetate component is an acute category 3 aquatic toxicant (with minimal LC50 96 h 56 mg/L for *Pimephales promelas* (fathead minnow); EC 50 24 h 13 500 mg/L *Daphnia magna* (water flea).

Acute Ecotoxicity

Category 2

H401: Toxic to aquatic life

Chronic Ecotoxicity

Category 2

H411: Toxic to aquatic life with long lasting effects.

Avoid release to the environment. Collect spillage.

Biodegradability

This product is biodegradable. The petroleum components may bioaccumulate, but is expected to be mitigated through biotransformation.

Other Effects

VOC (EPA, WHIMS) = 77% (658 g/L)

*VOC = *Regulated Volatile Organic Content*

Section 13: Disposal Information

Dispose of contents in accordance with all local, regional, national, and international regulations.

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Section 14: Transport Information

Ground

Refer to TDG (Canadian Transportation of Dangerous Goods regulations) and **USA DOT 49 CFR** (Parts 100 to 185) **Regulations.**

Sizes 1 L and under

8336-55ML

Limited Quantity



Sizes greater than 1 L

UN number: UN1133
Shipping Name: Adhesives
Class: 3
Packing Group: II
Marine Pollutant: Yes



Air

Refer to ICAO-IATA Dangerous Goods Regulations.

Sizes 1 L and under

8336-55ML

Limited Quantity



Size up to 5 L (passenger) or 60 L (cargo)

UN number: UN1133
Shipping Name: Adhesives
Class: 3
Packing Group: II
Marine Pollutant: Yes



Sea

Refer to IMDG regulations.

Sizes 1 L and under

8336-55ML

Limited Quantity



Sizes greater than 1 L

UN number: UN1133
Shipping Name: Adhesives
Class: 3
Packing Group: II
Marine Pollutant: Yes
Flash Point = -9 °C [16 °F]



Note: Shipper must be appropriately trained and certified before involvement with the transport of dangerous goods.

SUPER CONTACT CEMENT
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Section 15: Regulatory Information
Canada
Domestic Substance List (DSL) / Non-Domestic Substance Lists (NDSL)

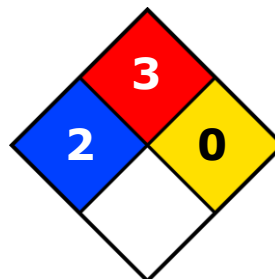
All hazardous ingredients are listed on the DSL.

Hazardous Products Act (R.S.C., 1985, c. H-3)

The safety data sheet and label comply with the Hazardous Product Act and WHMIS 2015.

USA
Other Classifications
HMIS® RATING

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

NFPA® 704 CODES


Approximate HMIS and NFPA Risk Ratings Legend:

0 (Low or none); 1 (Slight); 2 (Moderate); 3 (Serious); 4 (Severe)

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 substances listed as hazardous air pollutants.

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

This product contains butan-2-one (CAS# 78-93-3, reportable quantity = 5000 lb), which can be subject to the CERCLA reporting requirements.

TSCA (Toxic Substances Control Act of 1976, USA)

All substances are TSCA listed.

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SUPER CONTACT CEMENT**8336-LIQUID**

California Proposition 65 (Chemicals known to cause cancer or reproductive toxicity, USA).

This product does not contain any substances known to be listed in California.

Europe**RoHS**

This product does not contain any lead, cadmium, mercury, hexavalent chromium, PBB's, PBDE's, DEHP, BBP, DBP, or DIBP 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

SDS Prepared by Regulatory Department

Date of Revision 06 March 2020

Supersedes 18 November 2014

Reason for Changes: Change to emergency phone numbers and general update to format.

References

- 1) ACGIH 2017 TLVs and BEIs: Based on the documentation of the threshold limit values for chemical substances and physical agents & biological exposure indices, American Conference of Governmental of Industrial Hygienist Cincinnati, OH (2017).
- 2) All toxicological data were checked against the RTECS (Registry of Toxic Effects of Chemical Substances®)

Abbreviations

ACGIH	American Conference of Governmental Industrial Hygienists (USA)
GHS	Globally Harmonized System of Classification of Labeling of Chemicals
LC50	Lethal Concentration 50%
LCLo	Lowest published lethal concentration
LD50	Lethal Dose 50%
OEL	Occupational Exposure Limit
PEL	Permissible Exposure Limit
STEL	Short-Term Exposure Limit
TCLo	Lowest published toxic concentration
TWA	Time Weighted Average
VOC	Volatile Organic Content

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Technical Queries Contact us regarding any questions, improvement suggestions, or problems with this product. Application notes, instructions, and FAQs are located at www.mgchemicals.com.

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