

832CL-PART B

TRANSLUCENT EPOXY LOW VISCOSITY

# Safety Data Sheet

## Section 1: Identification

### Product Identifier and Other Means of Identification

**Product Identifier:** 832CL**Other Means of Identification:** Translucent Epoxy (Part B)**Related Part #** 832CL-3L

### Recommended Use and Restriction on Use

**Use:** Epoxy Potting Compounds**Uses Advised Against:** Not for use as a spray coating

### Details of Manufacturer or Importer

**Manufacturer**MG Chemicals  
1210 Corporate Drive  
Burlington, Ontario L7L 5R6  
CANADA

+1-800-340-0772

**FAX**

+1-800-340-0773

**E-MAIL**[support@mgchemicals.com](mailto:support@mgchemicals.com)**WEB**[www.mgchemicals.com](http://www.mgchemicals.com)**E-MAIL** (Competent Person): [sds@mgchemicals.com](mailto: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 the transport of dangerous goods;** 24/7 service  
CANADA—Call CANUTEC collect at **+1-613-996-6666** or **\*666** on cellular phones



**832CL-PART B**
**TRANSLUCENT EPOXY LOW VISCOSITY**
**Section 2: Hazard(s) Identification**
**Classification of Hazardous Chemical**
**GHS Categories**

Criteria		Category	Signal Word	Pictograms
Flammable Liquid		3	Warning	Flame
Eye Damage		1	Danger	Corrosion
Sensitization	Skin	1	Warning	Exclamation
Skin Irritation		2	Warning	Exclamation
Specific Target Organ Toxicity	Single Exposure	3	Warning	Exclamation
Hazardous to the Aquatic Environment	Chronic	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**

<b>Signal Word</b>	<b>DANGER</b>
<b>Pictograms</b>	<b>Hazard Statements</b>
	H226: Flammable liquid and vapour
	H318: Causes serious eye damage

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	H315: Causes skin irritation H317: May cause an allergic skin reaction H336: May cause drowsiness or dizziness
	H411: Toxic to aquatic life with long lasting effects
<b>Prevention</b>	<b>Precautionary Statements</b>
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof electrical equipment.
P243	Take action to prevent static discharge.
P261	Avoid breathing mist, vapors and spray.
P271	Use only outdoors or in a well-ventilated area
P280	Wear protective gloves and eye protection.
P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
<b>Response</b>	<b>Precautionary Statements</b>
P370 + P378	In case of fire: Use dry chemical, carbon dioxide, chemical foam, or water spray to extinguish.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor.
P303+ P361 + P352	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Wash with plenty of water.
P333 + P313	If skin irritation or rash occurs: Get medical advice or attention

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<b>Response</b>	<b>Precautionary Statements</b>
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312	Call a doctor if you feel unwell.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P391	Collect spillage.
<b>Storage</b>	<b>Precautionary Statements</b>
P403 + P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
<b>Disposal</b>	<b>Precautionary Statements</b>
P501	Dispose of contents in accordance to local, regional, national, and international regulations.

**Hazards Not Otherwise Classified**

<b>Other Criteria</b>	<b>Hazard Statements/Precautionary Statement</b>	<b>Signal Word</b>	<b>Pictograms</b>
Defats skin	Repeated exposure may cause skin dryness or cracking.	None	None

**832CL-PART B****TRANSLUCENT EPOXY LOW VISCOSITY****Section 3: Composition/Information on Ingredients**

CAS #	Chemical Name	%(weight)
123-86-4	n-butyl acetate	49%
68410-23-1	Fatty acids	47%
112-24-3	Triethylenetetramine	3.9%

**Section 4: First-Aid Measures**

<i>Exposure Condition</i>	<i>GHS Code/Symptoms/Precautionary Statements</i>
<b>IF IN EYES</b>	P305 + P351 + P338, P310
<b>Immediate Symptoms</b>	<i>redness, chemical burn, pain</i>
<b>Response</b>	Rinse cautiously with water for at least 30 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  Immediately call a POISON CENTER or doctor.
<b>IF ON SKIN (or hair)</b>	P303+ P352+P361, P333 + P313, P362
<b>Immediate Symptoms</b>	<i>redness, irritation, dry skin, allergic contact dermatitis</i>
<b>Response</b>	Take off immediately all contaminated clothing. Wash with plenty of water.  If skin irritation or rash occurs: Get medical advice or attention.  Wash contaminated clothing before reuse.
<b>IF INHALED</b>	P304 + P340, P312
<b>Immediate Symptoms</b>	<i>cough, irritation of the respiratory track</i>
<b>Response</b>	Remove person to fresh air and keep comfortable for breathing.  Call a doctor if you feel unwell.
<b>IF SWALLOWED</b>	P301 + P330, P331
<b>Immediate Symptoms</b>	<i>low toxicity: irritation</i>
<b>Response</b>	Rinse mouth. Do NOT induce vomiting.

**832CL-PART B****TRANSLUCENT EPOXY LOW VISCOSITY****Section 5: Fire-Fighting Measures**

<b>Extinguishing Media</b>	In case of fire: Use dry chemical, carbon dioxide, chemical foam, or water spray to extinguish.
<b>Specific Hazards</b>	<p>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.</p> <p>The liquid may float on water and ignite.</p> <p>Prevent fire-fighting wash from entering waterway or sewer system.</p>
<b>Combustion Products</b>	Produces carbon oxides (CO, CO <sub>2</sub> ) and nitrogen oxides (NO <sub>x</sub> ).
<b>Fire-Fighter</b>	Wear self-contained breathing apparatus and full fire-fighting turn-out gear.

**Section 6: Accidental Release Measures**

<b>Personal Protection</b>	See personal protection recommendations in Section 8.
<b>Precautions for Response</b>	Avoid breathing fumes and vapors. Remove or keep away all sources of extreme heat or open flames.
<b>Environmental Precautions</b>	Avoid releasing to the environment. Prevent spill from entering drains and waterways.
<b>Containment Methods</b>	Contain with inert and non-flammable absorbent (such as soil, sand, vermiculite).
<b>Cleaning Methods</b>	Collect liquid in a sealable, chemical-resistant container. Sprinkle inert absorbent compound onto spill, then sweep into the container. Wipe off residues with paper towels and place the used towels in the waste container. Use soap and water to remove the last traces of residue.
<b>Disposal Methods</b>	Dispose of spill waste according to Section 13.

**832CL-PART B****TRANSLUCENT EPOXY LOW VISCOSITY****Section 7: Handling and Storage****Prevention**

Keep out of reach of children.

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

Ground and bond container and receiving equipment. Use explosion-proof electrical equipment. Take action to prevent static discharge.

Avoid breathing mist, vapors, and spray.

Avoid release to the environment.

**Handling**

Wear protective gloves and eye protection.

Take off contaminated clothing and wash it before reuse. Contaminated work clothing should not be allowed out of the workplace.

Wash hands thoroughly after handling.

Collect spillage.

**Storage**

Keep container tightly closed. Store in a well-ventilated place. Keep cool.

Store locked up.

**Section 8: Exposure Controls/Personal Protection****Substances with Occupational Exposure Limit Values**

Chemical Name	Country/Province	Long Term Exposure Limits (PEL)	Short Term Exposure Limits (STEL)
n-butyl acetate	ACGIH	50 ppm	150 ppm
	U.S.A. OSHA PEL	150 ppm	Not established
	Canada AB	150 ppm	200 ppm
	Canada BC	20 ppm	200 ppm
	Canada ON	150 ppm	200 ppm
	Canada QC	150 ppm	200 ppm

*Note:* The ACGIH<sup>1</sup>, OSHA (Table Z-1), and Canadian provinces exposure limits were consulted. Limits from the suppliers' SDS were also consulted.

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**832CL-PART B****TRANSLUCENT EPOXY LOW VISCOSITY****Engineering Controls****Ventilation**

General ventilation is adequate for normal use; keep overall exposure as low as possible.

**Personal Protective Equipment****Eye protection**

Wear appropriate protective eyeglasses or chemical safety goggles.

**RECOMMENDATION:** Ensure that glasses have side shields for lateral protection.

**Skin Protection**

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

For incidental contacts, use nitrile or other chemically resistant gloves.

For incidental contacts, use nitrile or other chemically resistant gloves.

**Respiratory Protection**

For over-exposures up to 10 x OEL of vapors, wear respirator such as a half-mask respirator with organic vapor cartridges.

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

If the product is heated or worker has a known allergic reaction, consider using a full mask with organic vapor cartridge or with an independent air supply.

**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.



**832CL-PART B****TRANSLUCENT EPOXY LOW VISCOSITY****Section 9: Physical and Chemical Properties**

<b>Physical State</b>	Liquid	<b>Lower Flammability Limit</b>	1.2%
<b>Appearance</b>	Clear	<b>Upper Flammability Limit</b>	7.6%
<b>Odor</b>	Not available	<b>Vapor Pressure @20 °C</b>	11 hPa [8 mmHg]
<b>Odor Threshold</b>	Not available	<b>Vapor Density</b>	>4 (Air=1)
<b>pH</b>	Not available	<b>Relative Density @25 °C</b>	0.93
<b>Freezing/Melting Point</b>	Not available	<b>Solubility in Water</b>	Negligible
<b>Initial Boiling Point <sup>a)</sup></b>	≥126 °C [≥258.8 °F]	<b>Partition Coefficient n-octanol/water</b>	Not available
<b>Flash Point <sup>b)</sup></b>	27 °C [80.6 °F]	<b>Auto-ignition Temperature <sup>b)</sup></b>	≥338 °C [≥640 °F]
<b>Evaporation Rate</b>	Not available	<b>Decomposition Temperature</b>	Not available
<b>Flammability</b>	Non flammable	<b>Viscosity @25 °C</b>	Not available

**Section 10: Stability and Reactivity**

<b>Reactivity</b>	Reacts exothermically with amines.
<b>Chemical Stability</b>	Chemically stable at normal temperatures and pressures
<b>Conditions to Avoid</b>	Ignition sources, open flames, and incompatible substances
<b>Incompatibilities</b>	Strong oxidizing agents, strong acids, strong bases
<b>Polymerization</b>	Will not occur
<b>Decomposition</b>	Will not decompose under normal conditions. For thermal decomposition, see combustion products in Section 5.

**832CL-PART B****TRANSLUCENT EPOXY LOW VISCOSITY****Section 11: Toxicological Information****Summary of Effects and Symptoms by Routes of Exposure**

<b>Eyes</b>	May cause redness, chemical burn, or pain.
<b>Skin</b>	May cause skin redness, irritation, dry skin, or allergic contact dermatitis.
<b>Inhalation</b>	May cause cough, sore throat, dizziness, and headaches.
<b>Ingestion</b>	Low toxicity: may cause irritation.
<b>Chronic</b>	Prolonged or repeated exposure may cause skin dryness and cracking, defat skin, and local redness, discomfort, and allergic reactions.

**Acute Toxicity (Lethal Exposure Concentrations)**

<b>Chemical Name</b>	<b>LD50 oral</b>	<b>LD50 dermal</b>	<b>LC50 inhalation</b>
n-butyl acetate	12 789mg/kg Rat	17 600mg/kg Rabbit	Not available
Fatty acids	2 000 mg/kg Rat	2 000 mg/kg Rat	Not available
Triethylenetetramine	2 500 mg/kg Rat	805 mg/kg Rabbit	Not available
Mixture ATE	3375 mg/kg	3212 mg/kg	Not available

*Note:* Toxicity data from the ECHA database were consulted. The data from supplier SDSs' were also consulted.

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**832CL-PART B****TRANSLUCENT EPOXY LOW VISCOSITY****Other Toxicological Effects**

<b>Skin corrosion/irritation</b>	The fatty acid and triethylenetetramine contributions cause skin irritation.
<b>Serious eye damage/irritation</b>	Triethylenetetramine causes eye damage.
<b>Sensitization</b> (allergic reactions)	Based on animal studies on the fatty acid and triethylenetetramine, this product is a skin sensitizer
<b>Carcinogenicity</b> (risk of cancer)	None of the ingredients are classified or listed as a carcinogen by IARC, ACGIH, CA Prop 65, or NTP.
<b>Mutagenicity</b> (risk of heritable genetic effects)	Based on available data, the classification criteria are not met.
<b>Reproductive Toxicity</b> (risk to sex functions)	Based on available data, the classification criteria are not met.
<b>Teratogenicity</b> (risk of fetus malformation)	Based on available data, the classification criteria are not met.
<b>STOT-single exposure</b>	The n-butyl acetate component can affect the central nervous system by inhalation causing drowsiness or dizziness.
<b>STOT-repeated exposure</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met. There are no category 1 components.

**Section 12: Ecological Information**

Ecological classifications are based on the IMDG/GHS criteria in conjunction with ecotoxicological data from our suppliers, the European Chemical Agency database (<http://echa.europa.eu>), and other reliable sources.

The n-butyl acetate ingredient is an acute category 3 environmental toxicant. It is biodegradable, with minimal LC50 96 h of 18 mg/L for fathead minnow.

The fatty acid mixture has a minimal LC50 96 h of 495 mg/L for Pimephales promelas (fathead minnow); EC50 48 h of 31.1 mg/L Daphnia magna (water flea); EC50 72 h of 2.5 mg/L for Desmodesmus subspicatus (green algae).

Triethylenetetramine is an acute category 3 environmental toxicant with a minimal LC50 48 h of 33.9 mg/L for water flea and EC50 96 h of 3.7 mg/L fresh water for green algae.

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**832CL-PART B****TRANSLUCENT EPOXY LOW VISCOSITY****Acute Ecotoxicity**

See chronic ecotoxicity.

**Chronic Ecotoxicity**

Category 2

Toxic to aquatic life with long lasting effects

Avoid release to the environment. Collect spillage.

**Biodegradability**

Not available

**Bioaccumulation**

Not available

**Other Effects**

Regulated Volatile Organic Compounds (VOC) content according to the US (EPA) and Canadian (CEPA) authorities.

VOC = 49% [872 g/L]

**Section 13: Disposal Considerations**

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

**832CL-PART B**
**TRANSLUCENT EPOXY LOW VISCOSITY**
**Section 14: Transport Information**
**Ground**

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

Sizes 5 L and under

832CL-3L

**Limited Quantity**



Sizes greater than 5 L

*FOR REFERENCE ONLY*

**UN number:** UN1263

**Shipping Name:** PAINT

**Class:** 3

**Packing Group:** III

**Marine Pollutant:** Yes


**Air**

**Refer to ICAO-IATA Dangerous Goods Regulations.**

Sizes 10 L and under

832CL-3L kits

**Limited Quantity**



Total Net QTY per  
package 5L

Sizes up to 6- L (passenger), 120 L (cargo)

**UN number:** UN1263

**Shipping Name:** PAINT

**Class:** 3

**Packing Group:** III

**Marine Pollutant:** Yes



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**832CL-PART B****TRANSLUCENT EPOXY LOW VISCOSITY****Sea****Refer to IMDG regulations.**

Sizes 5 L and under

832CL-3L

**Limited Quantity**

Sizes greater than 5 L

FOR REFERENCE ONLY

**UN number:** UN1263**Shipping Name:** PAINT**Class:** 3**Packing Group:** III**Marine Pollutant:** Yes

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

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

All hazardous ingredients are listed on the DSL.

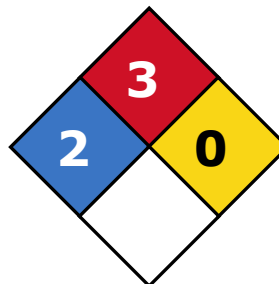
**Hazardous Products Act (R.S.C., 1985, c. H-3)**

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

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**832CL-PART B****TRANSLUCENT EPOXY LOW VISCOSITY****USA****Other Classifications****HMIS<sup>®</sup> 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<sup>®</sup> 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 substances that are listed as hazardous air pollutants.

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

This product contains n-butyl acetate (CAS# 123-86-4), which can be subject to the CERCLA reporting requirements at a threshold of 5000 lb (2268 kg).

**TSCA** (Toxic Substances Control Act of 1976, USA)

All substances are TSCA listed.

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

This product does not contain any substances on the California Proposition 65 list.

**Europe****RoHS** (Restriction of Hazardous Substances Directive)

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** (Waste Electrical and Electronic Equipment Directive)

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

**832CL-PART B****TRANSLUCENT EPOXY LOW VISCOSITY****Section 16: Other Information**

<b>SDS Prepared by</b>	MG Chemical's Regulatory Department
<b>Date of Review</b>	23 November 2022
<b>Supersedes</b>	Not applicable
<b>Reason for Changes:</b>	New Product

**Reference**

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).

**Abbreviations**

ACGIH	American Conference of Governmental Industrial Hygienists (USA)
EC50	Half maximal effective concentration
EL50	Half maximal effective loading
IARC	International Agency for Research on Cancer
NOELR	No observable effect loading ratio
NTP	National Toxicology Program
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
SDS	Safety Data Sheet
STEL	Short-Term Exposure Limit
TCLo	Lowest published toxic concentration
TWA	Time Weighted Average
VOC	Volatile Organic Content

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**832CL-PART B****TRANSLUCENT EPOXY LOW VISCOSITY**

**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](http://www.mgchemicals.com).

Email: [support@mgchemicals.com](mailto:support@mgchemicals.com)

Phone : 1-905-331-1396

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