



Safety Data Sheet

according to WHMIS 2023 and HCS 2024

1 Identification

Product identifier

Trade name: 8332-B

- Other Means of Identification: Fast Set Epoxy (Part B)
- Related Part Number: 8332-Part B, 8332-25ML (B), 8332-50ML (B)

Application of the substance / the mixture Epoxy Hardener

Uses advised against Not available

Details of the supplier of the safety data sheet

Manufacturer/Supplier:
MG Chemicals (Head Office)
1210 Corporate Drive
Burlington, Ontario L7L 5R6
CANADA
+(1) 800-340-0772
+(1) 905-331-1396
info@mgchemicals.com

Distributor:
Masline
511 Clinton Ave S
Rochester, New York 14620
United States
+(1) 586-546-5373

Information department: sds@mgchemicals.com

Emergency telephone 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

2 Hazard identification

Classification of the substance or mixture

- | | |
|------------------------------------|---|
| Skin Corrosion - Category 1A | H314 Causes severe skin burns and eye damage. |
| Eye damage/irritation – Category 1 | H318 Causes serious eye damage. |
| Sensitization - skin – Category 1 | H317 May cause an allergic skin reaction. |
| Aquatic Chronic 3 | H412 Harmful to aquatic life with long lasting effects. |

Label elements

GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

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· **Hazard pictograms**



GHS05 GHS07

· **Signal word** Danger

· **Hazard-determining components of labeling:**

pentaerythritol-PO-mercaptoglycerol~
2,4,6-tris(dimethylaminomethyl)phenol

· **Hazard statements**

H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.

· **Precautionary statements**

P102 Keep out of reach of children.
P260 Do not breathe fumes, mist or vapours.
P264 Wash thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves / eye protection.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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.
P333+P313 If skin irritation or rash occurs: Get medical advice.
P363 Wash contaminated clothing before reuse.
P405 Store locked up.
P501 Dispose of contents and container in accordance with local, regional, and national regulations.

· **Other hazards** Not available

3 Composition/Information on ingredients

· **Chemical characterization: Mixtures**

· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

72244-98-5	pentaerythritol-PO-mercaptoglycerol~	84.0% w/w
90-72-2	2,4,6-tris(dimethylaminomethyl)phenol	16.0% w/w

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4 First-aid measures

· Description of first aid measures

· General information:

Immediately remove any clothing soiled by the product.
Medical supervision for at least 48 hours.

· After inhalation:

Remove person to fresh air and keep comfortable for breathing.
Immediately call a POISON CENTER or doctor.

· After skin contact:

Take off immediately all contaminated clothing. Wash with plenty of water or shower.
Immediately call a POISON CENTRE or doctor.
Wash contaminated clothing before reuse.
If skin irritation or rash occurs: Get medical advice or attention.

· After eye contact:

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.

· After swallowing:

Rinse mouth. Do not induce vomiting.
Immediately call a POISON CENTER or doctor.

· Most important symptoms and effects, both acute and delayed

No further relevant information available.

· Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Fire-fighting measures

· Extinguishing media

· **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.

· Special hazards arising from the substance or mixture

During heating or in case of fire poisonous gases are produced.
Not flammable or combustible, but burns if involved in a fire. Produces irritating smoke of unknown toxicity in fires.
Prevent fire-fighting wash from entering waterway or sewer system.
Inhalation of toxic smoke during fire may have delayed effects. Exposed person may need to be put under surveillance for 48 h.

· Hazardous combustion products:

Sulfur oxides
Hydrogen sulfide
Carbon Oxides (COx)
Nitrogen Oxides (NOx)

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- **Advice for firefighters**
 - **Protective equipment:** Wear self-contained breathing apparatus and full fire-fighting turn-out gear.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
Do not breathe fumes, mist or vapors.
- **Environmental precautions:**

Avoid release to the environment.
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Collect liquid in a sealable, chemical-resistant container.
Wash residue with a paper towel and place dirty towels in container.
Use soap and water to remove the last traces of residue.
- **Reference to other sections**

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Precautions for safe handling**

Prevent formation of aerosols.
Wear protective gloves and eye protection.
Wash hands and exposed skin thoroughly after handling.
Take off contaminated clothing and wash it before reuse.
Contaminated work clothing should not be allowed out of the workplace.
Do not breathe mist, vapours, spray.
Do not eat, drink, or smoke when using this product.
Avoid contact with skin and eyes.

 - **Information about protection against explosions and fires:**

Keep respiratory protective device available.
- **Conditions for safe storage, including any incompatibilities**
 - **Storage:**
 - **Requirements to be met by storerooms and receptacles:**

Keep in a dry and clean area, away from incompatible substances
 - **Information about storage in one common storage facility:** Not required.
 - **Further information about storage conditions:**

Keep receptacle tightly sealed.

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Store locked up.

- **Specific end use(s)** See section 1.2

8 Exposure controls/ Personal protection

- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

- The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- **Additional information:**

- The lists that were valid during the creation were used as basis.
Refer to the national or regional occupational exposure limit regulation for abbreviations and acronyms.

- **Exposure controls**

- **Appropriate engineering controls** No further data; see section 7.

- **Personal protective equipment:**

- **General protective and hygienic measures:**

- Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.

- **Breathing equipment:**

- Advice should be sought from respiratory protection specialists.
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
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.

- **Protection of hands:**

- Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.



Protective gloves: EN374

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

- The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

- The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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· Eye protection:



Safety glasses or tightly sealed goggles: EN 166

*** 9 Physical and chemical properties**

· Information on basic physical and chemical properties

· Physical state	Liquid
· Form:	Highly viscous
· Color:	Yellow
· Odor:	Like rotten eggs (mercaptans)
· Odor threshold:	Not determined.
· Melting point/Melting range:	Undetermined.
· Boiling point/Boiling range:	Undetermined.
· Flammability:	Non flammable
· Explosion limits:	
· Lower:	Not applicable
· Upper:	Not applicable
· Flash point:	>93.3 °C (>199.9 °F)
· Auto igniting:	Not determined
· Decomposition temperature:	Not determined.
· pH-value:	Not determined.
· Viscosity:	
· Kinematic at 20 °C (68 °F):	≥1,000 mm ² /s
· Dynamic:	Not determined.
· Solubility in / Miscibility with	
· Water:	Insoluble.
· Partition coefficient (n-octanol/water):	Not determined.
· Vapor pressure:	Not determined.
· Vapor pressure:	
· Relative density at 25 °C (77 °F):	1.13
· Vapor density (air=1):	Not determined.
· Particle characteristics	Not applicable.

· Other information

· Important information on protection of health and environment, and on safety.

· Ignition temperature:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Solvent content:	
· Organic solvents:	Not available
· VOC content:	0.000 %
	0.0 g/l / 0.00 lb/gal
· Solids content:	0.0 %

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· Evaporation rate	Not determined.
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10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability** Chemically stable at normal temperatures and pressures.
 - **Thermal decomposition / conditions to be avoided:**
 No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** Avoid open flames, excessive heat, sparks, ignition sources, and incompatible substances.
- **Incompatible materials:**
 Strong oxidizing agents
 Strong acids
- **Hazardous decomposition products:**
 No dangerous decomposition products known.
 Hazardous combustion products: see section 5.

11 Toxicological information

- **Information on toxicological effects**
 - **Acute toxicity:**

· LD/LC50 values that are relevant for classification:		
ATE (Acute Toxicity Estimate)		
Oral	LD50	3,125 mg/kg
90-72-2 2,4,6-tris(dimethylaminomethyl)phenol		
Oral	LD50	500 mg/kg (ATE)

- **Primary irritant effect:**
 - **on the skin:** Strong caustic effect on skin and mucous membranes.
 - **on the eye:**
 Strong caustic effect.
 Strong irritant with the danger of severe eye injury.
- **Sensitization:** Sensitization possible through skin contact.
- **Summary of effects and symptoms by route of exposure**
 - **Eyes:**
 burns
 redness
 eye damage, pain
 - **Skin:**
 chemical burns

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rash, allergic contact dermatitis
 redness

· **Inhalation:**

cough
 irritation of the respiratory tract

· **Swallowed:** May cause pain and corrosive burns to the mouth, throat, esophagus, and stomach.

· **Delayed and immediate effects as well as chronic effects from short and long-term exposure**
 Prolonged or repeated exposure may cause skin allergies.

· **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Corrosive

Irritant

Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

· **Carcinogenic categories**

· IARC (International Agency for Research on Cancer)
None of the ingredients is listed.
· NTP (National Toxicology Program)
None of the ingredients is listed.

12 Ecological information

· **Toxicity**

· **Aquatic toxicity:** No further relevant information available.

· **Persistence and degradability** No further relevant information available.

· **Bioaccumulative potential** No further relevant information available.

· **Mobility in soil** No further relevant information available.

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Other adverse effects**

· **Remark:** Harmful to fish

13 Disposal considerations

· **Waste treatment methods**

· **Recommendation:** This material and its container must be disposed of as hazardous waste.

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· **Uncleaned packagings:**

· **Recommendation:**

Containers may still present a chemical hazard/ danger when empty.
 Dispose of contents in accordance with all local, regional, national, and international regulations.
 Where possible retain label warnings and SDS and observe all notices pertaining to the product.

14 Transport information

· UN-Number · DOT/TDG, IMDG, IATA	UN2735
· UN proper shipping name · DOT/TDG, IATA · IMDG	Amines, liquid, corrosive, n.o.s. AMINES, LIQUID, CORROSIVE, N.O.S.
· Transport hazard class(es) · DOT/TDG (Transport dangerous goods):	
 · Class · Label	8 Corrosive substances 8
· IMDG, IATA	
 · Class · Label	8 Corrosive substances 8
· Packing group · DOT/TDG, IMDG, IATA	II
· Environmental hazards:	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
 Excepted Quantity	

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On air waybill, write "Dangerous Goods in Excepted Quantities"

<ul style="list-style-type: none"> · DOT/TDG · Quantity limitations 	<p>On passenger aircraft/rail: 1 L On cargo aircraft only: 30 L</p>
<ul style="list-style-type: none"> · IMDG · Limited quantities (LQ) · Excepted quantities (EQ) 	<p>1L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml</p>
<ul style="list-style-type: none"> · Special precautions for user · Hazard identification number (Kemler code): · EMS Number: · Segregation groups · Stowage Category · Segregation Code 	<p>Not applicable. 80 F-A,S-B (SGG18) Alkalis A SG35 Stow "separated from" SGG1-acids</p>
<ul style="list-style-type: none"> · UN "Model Regulation": 	<p>UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. 8, II</p>

*** 15 Regulatory information**

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **OSHA Hazard Communication Standard (29 CFR Part 1900)**

The safety data sheet and label comply with HCS 2024.

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

The safety data sheet and label comply with the Hazardous Product Act and WHMIS 2023.

· **Sara**

<ul style="list-style-type: none"> · Section 355 (extremely hazardous substances): 	<p>None of the ingredients is listed.</p>
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<ul style="list-style-type: none"> · Section 313 (Specific toxic chemical listings): 	<p>None of the ingredients is listed.</p>
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<ul style="list-style-type: none"> · TSCA (Toxic Substances Control Act): 	<p>All components have the value ACTIVE.</p>
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<ul style="list-style-type: none"> · Hazardous Air Pollutants 	<p>None of the ingredients is listed.</p>
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· **Proposition 65**

<ul style="list-style-type: none"> · Chemicals known to cause cancer: 	<p>None of the ingredients is listed.</p>
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<ul style="list-style-type: none"> · Chemicals known to cause reproductive toxicity for females: 	<p>None of the ingredients is listed.</p>
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· Chemicals known to cause reproductive toxicity for males:
None of the ingredients is listed.

· Chemicals known to cause developmental toxicity:
None of the ingredients is listed.

· Carcinogenic categories
· TLV (Threshold Limit Value)
None of the ingredients is listed.

· NIOSH-Ca (National Institute for Occupational Safety and Health)
None of the ingredients is listed.

· Canadian substance listings:
· Canadian Domestic Substances List (DSL)
All ingredients are listed.

· Canadian Non-Domestic Substances List (NDSL)
None of the ingredients is listed.

· Canadian Ingredient Disclosure list (limit 0.1%)
None of the ingredients is listed.

· Canadian Ingredient Disclosure list (limit 1%)
None of the ingredients is listed.

· HMIS-ratings (scale 0 - 4)

Health = * 3

Fire = 1

Reactivity = 0

· 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.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Department issuing SDS: Regulatory department**· Contact:** sds@mgchemicals.com**· Version number of previous version:** 1.00**· Date of preparation** 05/07/2025**· Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

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DOT: US Department of Transportation
IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety

· * **Data compared to the previous version altered.**

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