


SAFETY DATA SHEET (SDS)

Section 1. Identification

Product identifier	CHEM WATER PART B
Other means of identification	CHEM WATER B
Recommended use and restrictions on use	Coating
Initial supplier identifier	CHEMTEC; 4117 Industriel; Laval; Québec; Canada; info@epoxychemtec.com T 450-629-1717
Emergency telephone number/restriction on use	Canada – CANUTEC 24-hour number 613-996-6666

Section 2. Hazard identification

Classification of hazardous product (name of the category or subcategory of the hazard class)	
Skin Sensitization (Category 1) Acute Toxicity, Inhalation (Category 4) Specific target organ toxicity, single exposure; Respiratory track irritation (Category 3)	
Information elements (symbols, signal words, hazard statements and precautionary statements of the category/subcategory)	
 Warning H317 May cause an allergic skin reaction H332 Harmful if inhaled. H335 May cause respiratory irritation P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/protective clothing/eye protection/face protection. P302+P352IF ON SKIN: Wash with plenty of water. P332+P313If skin irritation or rash occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse. P304+P340If INHALED: Remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTER/doctor if you feel unwell. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405Store locked up. P501 Dispose of contents/container into safe container in accordance with local, regional, or national regulations.	
Other hazards known	None

Section 3. Composition/information on ingredients

Chemical name (common name/synonyms)	CAS number or other	Concentration (%)
Poly(oy(methyl-1,2ethanediy), alpha-(2-aminomethylehyl)-omega-(2-aminomethylethoxy)	9046-10-0	1-5
Polyamine resin	N.A.	15 - 25
Tetraethylenepentamine	112-57-2	1-3
* Statement - This safety data sheet provides concentration range(s) instead of the actual concentration(s) by weight (except for gases/propellants by volume) considered trade secret(s).		

Section 4. First-aid measures

Inhalation	IF INHALED: If overexposure, remove person to fresh air and keep comfortable for breathing. Administer oxygen or artificial respiration as needed. If symptoms persist, get medical attention.
Ingestion	IF SWALLOWED: Immediately call a doctor. Prevent aspiration of vomit. Do not give anything by mouth to an unconscious person. If symptoms persist, seek medical attention.
Skin contact	IF ON SKIN: Take off immediately contaminated clothing. Wash immediately with soap and plenty of water for at least 20 minutes. If symptoms persist: Get medical attention. Discard or wash contaminated clothing before reuse.
Eye contact	IF IN EYES: Flush with water for at least 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
Most important symptoms and effects (acute or delayed)	May cause an allergic skin reaction. May cause respiratory irritation.
Indication of immediate medical attention/special treatment	In all cases, call a doctor. Do not forget this document.

Section 5. Fire-fighting measures

Specific hazards of the hazardous product (hazardous combustion products)
Incomplete combustion can form CO and low molecular weight hydrocarbons, phenol, and water.
Suitable and unsuitable extinguishing media
In case of fire: Use carbon dioxide (CO ₂), foam, water spray, dry chemical
Special protective equipment and precautions for fire-fighters
During a fire, irritating /toxic fumes may be generated. Do not enter fire area without proper protection. Firefighters should wear a self-contained breathing apparatus and turn-out gear.

Section 6. Accidental release measures

Personal precautions, protective equipment, and emergency procedures
Evacuate non-emergency personnel. Isolate the area and prevent access. Control source of the leak. Ensure clean-up is conducted by trained personnel only. All persons dealing with clean-up should wear the appropriate protective equipment (See Section 8). Prevent the spill spread into drains, sewers, water supplies, or soil.
Methods and materials for containment and cleaning up
Soak up all liquid with absorbent material. Package absorbed material in steel containers which are leak proof. Dispose of in accordance with local, provincial, and federal regulations.

Section 7. Handling and storage**Precautions for safe handling**

Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear gloves/protective clothing/eye protection/face protection.

Conditions for safe storage, including any incompatibilities

Store in a cool and dry area. Keep container closed when not use. Do not handle or store near open flames, heat or other sources of ignition. Protect from direct sunlight. Store away from incompatible materials (see Section 10 of the SDS). Store protected from freezing. Inspect all incoming containers to make sure they are properly labelled and not damaged. Storage area should be clearly identified, clear of obstruction and accessible only to trained personnel. Inspect periodically for damage or leaks.

Section 8. Exposure controls/Personal protection**Control parameters (biological limit values or exposure limit values and source of those values)**

Exposure limits: ACGIH – TLV-TWA Not available.

Appropriate engineering controls

Use product in well-ventilated areas. Do not spray the product. Local exhaust ventilation system is recommended to maintain concentrations of contaminants below exposure limits. Supply emergency safety/quick-drench shower, eyewash station and washing facilities available in work area and near handling area.

Individual protection measures/personal protective equipment

Skin protection: Gloves: Neoprene rubber, nitrile, impervious plastic.; Clothing: Shirts with long sleeves, long pants.

Respiratory: Use a NIOSH approved respirators or equivalent if the exposure limits are unknown.

Eye protection: Safety glasses or full-face shield.

Special instructions for protection and hygiene: Wash hands/nails/face thoroughly after handling. Do not eat, drink or smoke when using this product. Practice good personal hygiene after using this material. Remove and wash contaminated work clothing before re-use. Educate and train employees in the safe use and handling of this product. Follow all label instructions.

Section 9. Physical and chemical properties

Appearance, physical state/colour	Liquid/Amber	Vapour pressure	Not available
Odour	Amine odour	Vapour density	Not available
Odour threshold	Not available	Relative density	1.04 g/cm ³
pH	Not available	Solubility	Not available
Melting/freezing point	Not available	Partition coefficient - n-octanol/water	Not available
Initial boiling point/range	Not available	Auto-ignition temperature	Not available
Flash point	Not available	Decomposition temperature	Not available
Evaporation rate	Not available	Viscosity	Not available
Flammability (solids and gases)	Not flammable	VOC	Not available
Upper and lower flammability/explosive limits	Not available	Volatile by weight	50-65

Section 10. Stability and reactivity**Reactivity**

This product is stable under normal conditions of use, storage, and transport.

Chemical stability

Yes, Stable under the recommended storage and handling conditions prescribed.

Possibility of hazardous reactions

Non under normal conditions of storage and use.

Conditions to avoid (static discharge, shock or vibration)

None known

Incompatible materials

Strong oxidizers, strong alkalis, strong mineral acids, amines. agents.

Hazardous decomposition products

Carbon mono and dioxide. (CO) (CO₂)

Section 11. Toxicological information**Information on the likely routes of exposure (inhalation, ingestion, skin, and eye contact)**

Ingestion, skin contact, inhalation, eye contact.

Symptoms related to the physical, chemical, and toxicological characteristics

Repeated exposure may cause dermatitis and affects CNS. Can cause sensitization to the respiratory tract. Temporary irritation, corneal injury is unlikely. A single prolonged exposure may result in the material being absorbed in harmful amounts

Delayed and immediate effects (chronic effects from short-term and long-term exposure)

Skin Sensitization- May cause an allergic skin reaction.

Respiratory Sensitization – Irritation to the nose, throat and respiratory tract.;

Germ Cell Mutagenicity – No evidence.

Carcinogenicity – No ingredient listed by IARC, ACGIH, NTP or OSHA

Reproductive Toxicity – No evidence.

Specific Target Organ Toxicity — **Single Exposure** – No evidence:

Specific Target Organ Toxicity — **Repeated Exposure** – No evidence.

Aspiration Hazard – No classification.	
Health Hazards Not Otherwise Classified – No data available.	
Numerical measures of toxicity (ATE; LD₅₀ & LC₅₀)	
No data available.	
Section 12. Ecological information	
Ecotoxicity (aquatic and terrestrial information)	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Other adverse effects	No data available
Section 13. Disposal considerations	
Information on safe handling for disposal/methods of disposal/contaminated packaging	
Dispose of contents/container into safe container in accordance with local, regional, or national regulations.	
Section 14. Transport information	
UN number; Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations	
NOT REGULATED	
UN number; Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime)	
NOT REGULATED	
UN number; Proper shipping name; Class(es); Packing group (PG) of the IATA (air)	
NOT REGULATED	
Special precautions (transport/conveyance)	May also be shipped as a LIMITED QUANTITY in accordance with TDG.
Environmental hazards (IMDG or other)	None
Bulk transport (usually more than 450 L in capacity)	None
Section 15. Regulatory information	
Safety/health Canadian regulations specifics	Refer to Section 2 for the appropriate classification. This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR).
Environmental Canadian regulations specifics	Refer to Section 3 for ingredient(s) of the DSL
Safety/health/environmental outside regulations specifics	
United States OSHA information: This product is regulated according to OSHA (29 CFR).	
United States EPA (Environmental Protection Agency) information: 40 CFR Refer to the ingredients listed in Section 3 & Sections 12; 13 & 14.	
United States TCSA information: Refer to the ingredients listed in Section 3.	
Section 16. Other information	
Date of the latest revision of the safety data sheet	February 09, 2022 version 2
Corrections	Complete review
References	Safety Data Sheets from manufacturer/supplier & from Canadian Centre for Occupational Health and Safety, CCOHS.
Abbreviations	
ACGIH	American Conference of Governmental Industrial Hygienists
ATE	Acute toxicity estimate
CAS	Chemical Abstract Service
DSL	Domestic Substance List
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
LC	Lethal concentration
LD	Lethal Dosage
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit
STEL	Short-term Exposure Limit
TDG	Transport of dangerous goods in Canada
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
WHMIS	Workplace Hazardous Materials Information System
To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.	