

## WABO GEL LOC 1:1 PTA

Version 1.0      Revision Date: 07/18/2022      SDS Number: 960000014654      Date of last issue: -  
Date of first issue: 07/18/2022

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**SECTION 1. IDENTIFICATION**

Product name : WABO GEL LOC 1:1 PTA  
Product code : 00000000058412609  
Other means of identification : Part #80055

**Manufacturer or supplier's details**

Company name of supplier : Watson Bowman Acme Corp.  
Address : 95 Pineview Drive  
Amherst, NY 14228  
Emergency telephone : ChemTel: +1-813-248-0585  
National Emergency Telephone Number : USA: +1-800-255-3924 ChemTel contract no. MIS9240420

**Recommended use of the chemical and restrictions on use**


Recommended use : Sealant  
Restrictions on use : Reserved for industrial and professional use.

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**SECTION 2. HAZARDS IDENTIFICATION****GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)**

Skin irritation : Category 2  
Eye irritation : Category 2A  
Skin sensitization : Category 1  
Short-term (acute) aquatic hazard : Category 2  
Long-term (chronic) aquatic hazard : Category 2

**GHS label elements**

Hazard pictograms : 

Signal Word : Warning

Hazard Statements : H315 Causes skin irritation.  
H319 Causes serious eye irritation.

## WABO GEL LOC 1:1 PTA

Version 1.0      Revision Date: 07/18/2022      SDS Number: 960000014654      Date of last issue: -  
Date of first issue: 07/18/2022

H317 May cause an allergic skin reaction.  
H401 Toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.

## Precautionary Statements

:

**Prevention:**

P261 Avoid breathing mist or vapors.  
P264 Wash skin thoroughly after handling.  
P272 Contaminated work clothing must not be allowed out of the workplace.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/ eye protection/ face protection.

**Response:**

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.  
P362 Take off contaminated clothing and wash before reuse.  
P391 Collect spillage.

**Disposal:**

P501 Dispose of contents/ container to an approved waste disposal plant.

**Other hazards**

Inhalation of vapours or aerosols may cause respiratory tract irritation.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical nature : Preparation based on:  
epoxy resin

**Components**

Chemical name	CAS-No.	Concentration (% w/w)
bisphenol A-epichlorohydrin resin	25068-38-6	>= 50 - < 100
Titanium dioxide	13463-67-7	>= 1 - < 5
Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer	25085-99-8	>= 1 - < 5
2,3-epoxypropyl o-tolyl ether	2210-79-9	>= 0.1 - < 1

Actual concentration is withheld as a trade secret

**SECTION 4. FIRST AID MEASURES**

General advice : First aid personnel should pay attention to their own safety. Immediately remove contaminated clothing.

## WABO GEL LOC 1:1 PTA

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	07/18/2022	960000014654	Date of first issue: 07/18/2022

---

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| If inhaled  | : | If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.  |
| In case of skin contact                                     | : | After contact with skin, wash immediately with plenty of water and soap.<br>Under no circumstances should organic solvent be used.<br>If irritation develops, seek medical attention. |
| In case of eye contact                                      | : | Contact lenses should be removed. Hold eyelids open and flush with copious amounts of clean, fresh water or a special eyewash solution and seek medical advice.                       |
| If swallowed  | : | Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.<br>Do NOT induce vomiting.  |
| Most important symptoms and effects, both acute and delayed | : | Causes skin irritation.<br>Causes serious eye irritation.<br>May cause an allergic skin reaction.   |
| Notes to physician  | : | Treat symptomatically.  |
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**SECTION 5. FIRE-FIGHTING MEASURES**

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|--|---|--|
| Suitable extinguishing media                   | : | Foam<br>Water spray<br>Dry powder<br>Carbon dioxide (CO <sub>2</sub> )   |
| Unsuitable extinguishing media                 | : | water jet  |
| Hazardous combustion products                  | : | harmful vapours<br>nitrogen oxides<br>fumes/smoke<br>carbon black<br>carbon oxides   |
| Further information                            | : | The degree of risk is governed by the burning substance and the fire conditions.<br>If exposed to fire, keep containers cool by spraying with water. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems.<br>Contaminated extinguishing water must be disposed of in accordance with official regulations. |
| Special protective equipment for fire-fighters | : | Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.   |
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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

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|---|---|---|
| Personal precautions, protective equipment and emergency measures | : | Do not breathe vapour/aerosol/spray mists.<br>Wear eye/face protection. |
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## WABO GEL LOC 1:1 PTA

Version 1.0      Revision Date: 07/18/2022      SDS Number: 960000014654      Date of last issue: -  
Date of first issue: 07/18/2022

- gency procedures      If exposed to high vapour concentration, leave area immediately.  
Use personal protective clothing.  
Handle in accordance with good building materials hygiene and safety practice.
- Environmental precautions      :    Contain contaminated water/firefighting water.  
Do not discharge into drains/surface waters/groundwater.
- Methods and materials for containment and cleaning up      :    Large spills should be collected mechanically (remove by pumping) for disposal.  
Pick up with inert absorbent material (e.g. sand, earth etc.).  
Correctly dispose of recovered product immediately.

**SECTION 7. HANDLING AND STORAGE**

- Advice on protection against fire and explosion      :    Normal measures for preventive fire protection.
- Advice on safe handling      :    Avoid contact with the skin, eyes and clothing.  
Avoid aerosol formation.  
Avoid inhalation of mists/vapours.
- Further information on storage conditions      :    Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame.  
Protect from direct sunlight.
- Recommended storage temperature      :    50 - 90 °F / 10 - 32 °C
- Further information on storage stability      :    Protect from moisture.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Ingredients with workplace control parameters**

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Titanium dioxide	13463-67-7	TWA (total dust)	15 mg/m <sup>3</sup>	OSHA Z-1
		TWA (Total dust)	10 mg/m <sup>3</sup>	OSHA P0
		TWA	10 mg/m <sup>3</sup> (Titanium dioxide)	ACGIH

- Engineering measures**      :    Ensure adequate ventilation.

**Personal protective equipment**

- Respiratory protection      :    When workers are facing concentrations above the occupational exposure limits they must use appropriate certified respirators.

## WABO GEL LOC 1:1 PTA

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	07/18/2022	960000014654	Date of first issue: 07/18/2022

---

Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

## Hand protection

Remarks : Wear chemical resistant protective gloves. Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection : Wear safety glasses with side shields or goggles.

Protective measures : Do not inhale gases/vapours/aerosols.  
Avoid contact with the skin, eyes and clothing.  
Avoid exposure - obtain special instructions before use.  
Handle in accordance with good building materials hygiene and safety practice.  
Wearing of closed work clothing is recommended.

Hygiene measures : When using, do not eat, drink or smoke.  
Hands and/or face should be washed before breaks and at the end of the shift.  
At the end of the shift the skin should be cleaned and skin-care agents applied.  
Gloves must be inspected regularly and prior to each use.  
Replace if necessary (e.g. pinhole leaks).

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : liquid

Color : gray

Odor : mild

Odor Threshold : not determined

pH : No data available

Melting point/freezing point : not determined

Boiling point/boiling range : not determined

Flash point : > 200 °F / > 93 °C

Method: Seta closed cup

Evaporation rate : > 1  
(Diethylether=1.0)

Flammability (liquids) : not flammable

## WABO GEL LOC 1:1 PTA

Version 1.0      Revision Date: 07/18/2022      SDS Number: 960000014654      Date of last issue: -  
Date of first issue: 07/18/2022

---

Self-ignition : not self-igniting

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Vapor pressure : No data available

Relative vapor density : Heavier than air.

Relative density : 1.13

Density : No data available

Solubility(ies)  
Water solubility : insoluble

Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : not applicable for mixtures

Autoignition temperature : Not applicable

Decomposition temperature : No decomposition if stored and handled as prescribed/indicated.

Viscosity  
Viscosity, dynamic : No data available

Viscosity, kinematic : No data available

Explosive properties : Not explosive

Oxidizing properties : No data available

Sublimation point : No data available

Molecular weight : Not applicable

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**SECTION 10. STABILITY AND REACTIVITY**

Reactivity : No hazardous reactions if stored and handled as prescribed/indicated.

Chemical stability : The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions : The product is stable if stored and handled as prescribed/indicated.

## WABO GEL LOC 1:1 PTA

Version 1.0      Revision Date: 07/18/2022      SDS Number: 960000014654      Date of last issue: -  
Date of first issue: 07/18/2022

---

Conditions to avoid : Avoid heat.  
Avoid contamination.

Incompatible materials : Strong acids  
Strong bases  
Strong oxidizing agents  
Strong reducing agents

Hazardous decomposition products : No hazardous decomposition products if stored and handled as prescribed/indicated.

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**SECTION 11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Not classified based on available information.

**Skin corrosion/irritation**

Causes skin irritation.

**Serious eye damage/eye irritation**

Causes serious eye irritation.

**Respiratory or skin sensitization****Skin sensitization**

May cause an allergic skin reaction.

**Respiratory sensitization**

Not classified based on available information.

**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**IARC**                      Group 2B: Possibly carcinogenic to humans  
Titanium dioxide

13463-67-7

**Reproductive toxicity**

Not classified based on available information.

**STOT-single exposure**

Not classified based on available information.

**STOT-repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

Not classified based on available information.

**Further information****Product:**

Remarks : Health injuries are not known or expected under normal use.

## WABO GEL LOC 1:1 PTA

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	07/18/2022	960000014654	Date of first issue: 07/18/2022

---

The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Product:****Ecotoxicology Assessment**

Acute aquatic toxicity : Toxic to aquatic life.  
Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

**Persistence and degradability****Product:**

Biodegradability : Remarks: Taking into consideration the properties of several ingredients, the product is estimated not to be readily biodegradable according to OECD classification.

**Bioaccumulative potential****Product:**

Bioaccumulation : Remarks: Because of the product's consistency and low water solubility, bioavailability is improbable.

**Mobility in soil****Product:**

Distribution among environmental compartments : Remarks: The substance will not evaporate into the atmosphere from the water surface. Following exposure to soil, adsorption to solid soil particles is probable, therefore contamination of groundwater is not expected.

**Other adverse effects****Product:**

Additional ecological information : Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

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**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

Waste from residues : Dispose of in accordance with national, state and local regulations.

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## WABO GEL LOC 1:1 PTA

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	07/18/2022	960000014654	Date of first issue: 07/18/2022

Residues should be disposed of in the same manner as the substance/product.  
Do not discharge into drains/surface waters/groundwater.

Contaminated packaging : Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.

Packs that cannot be cleaned should be disposed of in the same manner as the contents.

## SECTION 14. TRANSPORT INFORMATION

## International Regulations

## UNRTDG

UN number : UN 3082  
 Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
 (BISPHENOL-A-EPICHLORHYDRIN RESINS M <=700)  
 Class : 9  
 Subsidiary risk : EHSM  
 Packing group : III  
 Labels : 9 (EHSM)

## IATA-DGR

UN/ID No. : UN 3082  
 Proper shipping name : Environmentally hazardous substance, liquid, n.o.s.  
 (BISPHENOL-A-EPICHLORHYDRIN RESINS M <=700)  
 Class : 9  
 Subsidiary risk : EHSM  
 Packing group : III  
 Labels : Miscellaneous, Environmentally hazardous  
 Packing instruction (cargo aircraft) : 964  
 Packing instruction (passenger aircraft) : 964  
 Remarks : The following provisions may apply for product in packages containing a net quantity of 5 kg or less  
 ADR, RID, ADN: Special Provision 375;  
 IMDG: 2.10.2.7;  
 IATA: A197;  
 TDG: Special Provision 99(2);  
 49CFR: §171.4 (c) (2).

## IMDG-Code

UN number : UN 3082  
 Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
 (BISPHENOL-A-EPICHLORHYDRIN RESINS M <=700)  
 Class : 9  
 Subsidiary risk : EHSM  
 Packing group : III  
 Labels : 9 (EHSM)  
 EmS Code : F-A, S-F

## WABO GEL LOC 1:1 PTA

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	07/18/2022	960000014654	Date of first issue: 07/18/2022

Marine pollutant : yes  
 Remarks : The following provisions may apply for product in packages containing a net quantity of 5 kg or less  
 ADR, RID, ADN: Special Provision 375;  
 IMDG: 2.10.2.7;  
 IATA: A197;  
 TDG: Special Provision 99(2);  
 49CFR: §171.4 (c) (2).

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**Domestic regulation****49 CFR**

UN/ID/NA number : UN 3082  
 Proper shipping name : Environmentally hazardous substance, liquid, n.o.s.  
 (BISPHENOL-A-EPICHLORHYDRIN RESINS M <=700)  
 Class : 9  
 Subsidiary risk : EHSM  
 Packing group : III  
 Labels : CLASS 9, Environmentally hazardous  
 ERG Code : 171  
 Marine pollutant : yes  
 Remarks : The following provisions may apply for product in packages containing a net quantity of 5 kg or less  
 ADR, RID, ADN: Special Provision 375;  
 IMDG: 2.10.2.7;  
 IATA: A197;  
 TDG: Special Provision 99(2);  
 49CFR: §171.4 (c) (2).

**Special precautions for user**

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

**SECTION 15. REGULATORY INFORMATION****US State Regulations****Pennsylvania Right To Know**

Titanium dioxide 13463-67-7

**New Jersey Right To Know**

Titanium dioxide 13463-67-7

**California Prop. 65**

WARNING: This product can expose you to chemicals including Titanium dioxide, which is/are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**The ingredients of this product are reported in the following inventories:**

TSCA : All substances listed as active on the TSCA inventory

DSL : All components of this product are on the Canadian DSL

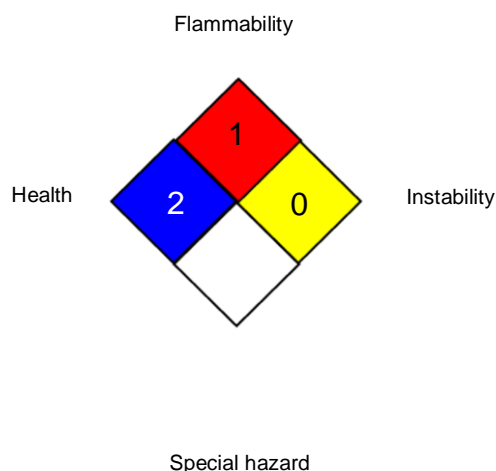
## WABO GEL LOC 1:1 PTA

Version 1.0      Revision Date: 07/18/2022      SDS Number: 960000014654      Date of last issue: -  
 Date of first issue: 07/18/2022

## SECTION 16. OTHER INFORMATION

## Further information

## NFPA 704:



## HMIS® IV:

HEALTH		
FLAMMABILITY		
PHYSICAL HAZARD		

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "\*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

## Full text of other abbreviations

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
OSHA P0	:	USA. Table Z-1-A Limits for Air Contaminants (1989 vacated values)
OSHA Z-1	:	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
ACGIH / TWA	:	8-hour, time-weighted average
OSHA P0 / TWA	:	8-hour time weighted average
OSHA Z-1 / TWA	:	8-hour time weighted average

AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Admin-

## WABO GEL LOC 1:1 PTA

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	07/18/2022	960000014654	Date of first issue: 07/18/2022

---

istration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECL - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Revision Date : 07/18/2022

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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