

WABO SILICONE SEAL PART A

Version 1.1 Revision Date: 10/27/2021 SDS Number: 000000260047 Date of last issue: 10/28/2020
Date of first issue: 10/28/2020

SECTION 1. IDENTIFICATION

Product name : WABO SILICONE SEAL PART A
Product code : 00000000050310148
Other means of identification : Part #19300

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 : Canada: 1-800-255-3924 ChemTel contract no. MIS9240420


Recommended use of the chemical and restrictions on use

Recommended use : Product for construction chemicals
Restrictions on use : Reserved for industrial and professional use.

SECTION 2. HAZARDS IDENTIFICATION**GHS classification in accordance with the Hazardous Products Regulations**

Eye irritation : Category 2A
Skin sensitization : Category 1
Reproductive toxicity : Category 1B
Specific target organ toxicity - repeated exposure : Category 2 (Central nervous system, Blood)
Short-term (acute) aquatic hazard : Category 3
Long-term (chronic) aquatic hazard : Category 3

GHS label elements

Hazard pictograms : 

Signal Word : Danger

Hazard Statements : H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H360FD May damage fertility. May damage the unborn child.
H373 May cause damage to organs (Central nervous system, Blood) through prolonged or repeated exposure.
H402 Harmful to aquatic life.
H412 Harmful to aquatic life with long lasting effects.

WABO SILICONE SEAL PART A

Version 1.1 Revision Date: 10/27/2021 SDS Number: 000000260047 Date of last issue: 10/28/2020
 Date of first issue: 10/28/2020

Precautionary Statements

: **Prevention:**

P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P260 Do not breathe 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/ protective clothing/ 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.
 P308 + P313 IF exposed or concerned: Get medical advice/ attention.
 P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
 P337 + P313 If eye irritation persists: Get medical advice/ attention.
 P363 Wash contaminated clothing before reuse.

Storage:

P405 Store locked up.

Disposal:

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

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture
 Chemical nature : modified silicones

Components

Chemical name	Common Name/Synonym	CAS-No.	Concentration (% w/w)
Limestone	Calcium carbonate	1317-65-3	>= 10 - < 20
toluene	Methylbenzene	108-88-3	>= 1 - < 5
2-Butanone, O,O',O'',O'''-silanetetrayltetraoxime	Tetra(ethyl methyl ketoximo)silane	34206-40-1	>= 1 - < 5
trimethoxy(3-(oxiranyl-methoxy)propyl)silane	Silane, trimethoxy[3-(oxiranyl-meth-	2530-83-8	>= 1 - < 5

WABO SILICONE SEAL PART A

Version 1.1 Revision Date: 10/27/2021 SDS Number: 000000260047 Date of last issue: 10/28/2020
 Date of first issue: 10/28/2020

	oxy)propyl]-		
Titanium dioxide	C.I. Pigment White 6	13463-67-7	>= 0.1 - < 1
Dibutyltin diacetate	Stannane, bis(acetyloxy)di butyl-	1067-33-0	>= 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.
- 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.
Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.
- In case of eye contact : Remove contact lenses, if present.
Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.
- If swallowed : Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.
Do NOT induce vomiting.
- Most important symptoms and effects, both acute and delayed : May cause an allergic skin reaction.
Causes serious eye irritation.
May damage fertility. May damage the unborn child.
May cause damage to organs through prolonged or repeated exposure.
- Notes to physician : Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Foam
Water spray
Dry powder
Carbon dioxide (CO₂)
- Unsuitable extinguishing media : water jet
- Specific hazards during fire fighting : See SDS section 10 - Stability and reactivity.
- Hazardous combustion products : harmful vapours
nitrogen oxides
fumes/smoke
carbon black
carbon oxides
- Further information : The degree of risk is governed by the burning substance and the fire conditions.
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.
Contaminated extinguishing water must be disposed of in

WABO SILICONE SEAL PART A

Version	Revision Date:	SDS Number:	Date of last issue: 10/28/2020
1.1	10/27/2021	000000260047	Date of first issue: 10/28/2020

Special protective equipment for fire-fighters : accordance with official regulations.
Wear a self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Do not breathe vapour/aerosol/spray mists.
Wear eye/face protection.
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 : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Advice on safe handling : Do not breathe vapors/dust.
Avoid exposure - obtain special instructions before use.
Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Dispose of rinse water in accordance with local and national regulations.
Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Observe label precautions.
Electrical installations / working materials must comply with the technological safety standards.

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.

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

Components	CAS-No.	Value type	Control parame-	Basis
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WABO SILICONE SEAL PART A

Version
1.1Revision Date:
10/27/2021SDS Number:
000000260047Date of last issue: 10/28/2020
Date of first issue: 10/28/2020

		(Form of exposure)	ters / Permissible concentration	
Limestone	1317-65-3	TWA	10 mg/m3	CA AB OEL
		TWAEV (total dust)	10 mg/m3	CA QC OEL
		TWA (Total dust)	10 mg/m3	CA BC OEL
		TWA (respirable dust fraction)	3 mg/m3	CA BC OEL
		STEL	20 mg/m3	CA BC OEL
toluene	108-88-3	TWA value	20 ppm	ACGIHTLV
		REL value	100 ppm 375 mg/m3	NIOSH
		STEL value	150 ppm 560 mg/m3	NIOSH
		TWA value	100 ppm 375 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		STEL value	150 ppm 560 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		max. conc.	500 ppm	29 CFR 1910.1000 (Table Z-2)
		CLV	300 ppm	29 CFR 1910.1000 (Table Z-2)
		TWA value	200 ppm	29 CFR 1910.1000 (Table Z-2)
		TWA	50 ppm 188 mg/m3	CA AB OEL
		TWA	20 ppm	CA BC OEL
		TWAEV	50 ppm 188 mg/m3	CA QC OEL
		TWA	20 ppm	ACGIH
Dibutyltin diacetate	1067-33-0	TWA value	0.1 mg/m3 (tin (Sn))	ACGIHTLV
		STEL value	0.2 mg/m3 (tin (Sn))	ACGIHTLV
		REL value	0.1 mg/m3 (tin (Sn))	NIOSH
		PEL	0.1 mg/m3 (tin (Sn))	29 CFR 1910.1000 (Table Z-1)
		TWA value	0.1 mg/m3 (tin (Sn))	29 CFR 1910.1000 (Table Z-1-A)
		TWA	0.1 mg/m3 (Tin)	CA AB OEL
		STEL	0.2 mg/m3 (Tin)	CA AB OEL

WABO SILICONE SEAL PART A

Version 1.1 Revision Date: 10/27/2021 SDS Number: 000000260047 Date of last issue: 10/28/2020
 Date of first issue: 10/28/2020

		TWAEV	0.1 mg/m3 (Tin)	CA QC OEL
		STEV	0.2 mg/m3 (Tin)	CA QC OEL
		TWA	0.1 mg/m3 (Tin)	CA BC OEL
		STEL	0.2 mg/m3 (Tin)	CA BC OEL
		TWA	0.1 mg/m3 (Tin)	CA ON OEL
		TWA	0.1 mg/m3 (Tin)	ACGIH
		STEL	0.2 mg/m3 (Tin)	ACGIH

Engineering measures : Ensure adequate ventilation.

Personal protective equipment

Respiratory protection : Wear appropriate certified respirator when exposure limits may be exceeded.
 Use NIOSH approved respiratory protection.

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.

Skin and body protection : Impermeable protective clothing
 Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

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.
 Remove contaminated clothing immediately and clean before re-use or dispose it if necessary.
 Gloves must be inspected regularly and prior to each use.
 Replace if necessary (e.g. pinhole leaks).

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid
 Color : white
 Odor : aromatic, slight odour
 Odor Threshold : not determined

WABO SILICONE SEAL PART A

Version 1.1 Revision Date: 10/27/2021 SDS Number: 000000260047 Date of last issue: 10/28/2020
Date of first issue: 10/28/2020

pH	:	Not applicable
Melting point	:	No data available
Freezing point	:	No data available
Boiling point/boiling range	:	approx. 110 °C
Flash point	:	approx. 93.34 °C
Evaporation rate	:	No data available
Flammability (liquids)	:	not highly flammable
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	:	No data available
Relative density	:	approx. 1.08
Density	:	approx. 1.08 g/cm ³ (20 °C)
Solubility(ies)	:	
Water solubility	:	insoluble (20 °C)
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	not applicable for mixtures
Autoignition temperature	:	No data available
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	:	Based on its structural properties the product is not classified as oxidizing.
Sublimation point	:	No data available

WABO SILICONE SEAL PART A

Version	Revision Date:	SDS Number:	Date of last issue: 10/28/2020
1.1	10/27/2021	000000260047	Date of first issue: 10/28/2020

Molecular weight : Not applicable

Metal corrosion rate : Corrosive effects to metal are not anticipated.

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.

Conditions to avoid : See SDS section 7 - Handling and storage.

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.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

Skin corrosion/irritation

Not classified based on available information.

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

May damage fertility. May damage the unborn child.

STOT-single exposure

Not classified based on available information.

WABO SILICONE SEAL PART A

Version 1.1 Revision Date: 10/27/2021 SDS Number: 000000260047 Date of last issue: 10/28/2020
Date of first issue: 10/28/2020

STOT-repeated exposure

May cause damage to organs (Central nervous system, Blood) through prolonged or repeated exposure.

Aspiration toxicity

Not classified based on available information.

Further information**Product:**

Remarks : Health injuries are not known or expected under normal use. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

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

Acute aquatic toxicity : Harmful to aquatic life.

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

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.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : Dispose of in accordance with national, state and local regulations.
Do not contaminate ponds, waterways or ditches with chemical or used container.

Contaminated packaging : Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the sub-

WABO SILICONE SEAL PART A

Version	Revision Date:	SDS Number:	Date of last issue: 10/28/2020
1.1	10/27/2021	000000260047	Date of first issue: 10/28/2020

stance/product.

SECTION 14. TRANSPORT INFORMATION

International Regulations**UNRTDG**

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

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

Not applicable for product as supplied.

Domestic regulation**TDG**

Not regulated as a dangerous good

Special precautions for user

Not applicable

SECTION 15. REGULATORY INFORMATION

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

SECTION 16. OTHER INFORMATION

Full text of other abbreviations

29 CFR 1910.1000 (Table Z-1-A)	:	OSHA - Table Z-1-A (29 CFR 1910.1000)
29 CFR 1910.1000 (Table Z-1)	:	OSHA - Table Z-1 (Limits for Air Contaminants) 29 CFR 1910.1000
29 CFR 1910.1000 (Table Z-2)	:	OSHA Table Z-2 (Toxic and Hazardous Substances) 29 CFR 1910.1000
ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
ACGIHTLV	:	American Conference of Governmental Industrial Hygienists - threshold limit values (US)
CA AB OEL	:	Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)
CA BC OEL	:	Canada. British Columbia OEL
CA ON OEL	:	Ontario Table of Occupational Exposure Limits made under the Occupational Health and Safety Act.
CA QC OEL	:	Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants

WABO SILICONE SEAL PART A

Version	Revision Date:	SDS Number:	Date of last issue: 10/28/2020
1.1	10/27/2021	000000260047	Date of first issue: 10/28/2020

NIOSH : NIOSH Pocket Guide to Chemical Hazards (US)
 29 CFR 1910.1000 (Table Z-1-A) / STEL value : Short Term Exposure Limit (STEL):
 29 CFR 1910.1000 (Table Z-1-A) / TWA value : Time Weighted Average (TWA):
 29 CFR 1910.1000 (Table Z-1) / PEL : Permissible exposure limit
 29 CFR 1910.1000 (Table Z-2) / CLV : Ceiling Limit Value:
 29 CFR 1910.1000 (Table Z-2) / TWA value : Time Weighted Average (TWA):
 29 CFR 1910.1000 (Table Z-2) / max. conc. : Maximum concentration:
 ACGIH / TWA : 8-hour, time-weighted average
 ACGIH / STEL : Short-term exposure limit
 ACGIHTLV / STEL value : Short Term Exposure Limit (STEL):
 ACGIHTLV / TWA value : Time Weighted Average (TWA):
 CA AB OEL / TWA : 8-hour Occupational exposure limit
 CA AB OEL / STEL : 15-minute occupational exposure limit
 CA BC OEL / TWA : 8-hour time weighted average
 CA BC OEL / STEL : short-term exposure limit
 CA ON OEL / TWA : Time-Weighted Average Limit (TWA)
 CA QC OEL / TWAEV : Time-weighted average exposure value
 CA QC OEL / STEV : Short-term exposure value
 NIOSH / REL value : Recommended exposure limit (REL):
 NIOSH / STEL value : Short Term Exposure Limit (STEL):

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; 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; 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; KECl - 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; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; 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; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECl - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recom-

WABO SILICONE SEAL PART A

Version	Revision Date:	SDS Number:	Date of last issue: 10/28/2020
1.1	10/27/2021	000000260047	Date of first issue: 10/28/2020

recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Revision Date : 10/27/2021
Date format : mm/dd/yyyy

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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