

SECTION 1: Identification**1.1. Product identifier**

Product form : Mixture
Product name : All Weather Seal
Product code : 468-9132-16

1.2. Recommended use and restrictions on use

Recommended use : Sealant

1.3. Supplier**Supplier**

Irontite Products Inc.
2525 18th Street SW, Suite D
Cedar Rapids, Iowa 52404
T (319) 377-9421 or 1-800-553-5953
service@irontite.com

Distributor

Goss Industries Inc.
7925 Goreway Drive
Brampton, Ontario Canada L6T5J7
T 905-795-9830

1.4. Emergency telephone number

Emergency number : 1-800-553-5953 8am-4pm CST(GMT - 6)

SECTION 2: Hazard identification**2.1. Classification of the substance or mixture****Classification (GHS-CA)**

HHNOC 1
Skin Corr. 1A H314
Eye Dam. 1 H318
Repr. 1B H360

2.2. GHS Label elements, including precautionary statements**GHS-CA labelling**

Hazard pictograms (GHS-CA) :



Signal word (GHS-CA) : Danger

Hazard statements (GHS-CA) : Causes severe damage to the respiratory tract
H314 - Causes severe skin burns and eye damage.
H360 - May damage fertility or the unborn child.

Precautionary statements (GHS-CA) : P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P264 - Wash hands, forearms and face thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face 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.
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 or doctor.
P363 - Wash contaminated clothing before reuse.
P405 - Store locked up.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-CA)

Not applicable

All Weather Seal

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Boric acid (H ₂ B ₄ O ₇), disodium salt, decahydrate	(CAS-No.) 1303-96-4	7 – 13
Sodium aluminate (NaAlO ₂)	(CAS-No.) 1302-42-7	5 – 10
Ethylene glycol	(CAS-No.) 107-21-1	1 – 5
Sodium hydroxide	(CAS-No.) 1310-73-2	0.5 – 1.5

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

SECTION 4: First-aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.
- First-aid measures after skin contact : IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER/doctor.
- First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
- First-aid measures after ingestion : IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.

4.2. Most important symptoms and effects (acute and delayed)

- Symptoms/effects after inhalation : Causes severe damage to the respiratory tract.
- Symptoms/effects after skin contact : Causes severe skin burns. Symptoms may include redness, pain, blisters.
- Symptoms/effects after eye contact : Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.
- Symptoms/effects after ingestion : May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

4.3. Immediate medical attention and special treatment, if necessary

- Other medical advice or treatment : Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

- Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

5.2. Unsuitable extinguishing media

- Unsuitable extinguishing media : None known.

5.3. Specific hazards arising from the hazardous product

- Fire hazard : No fire hazard. Products of combustion may include and are not limited to: oxides of carbon.
- Explosion hazard : No direct explosion hazard.

5.4. Special protective equipment and precautions for fire-fighters

- Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.2. Methods and materials for containment and cleaning up

- For containment : Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
- Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Store away from other materials. Provide ventilation.

6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

All Weather Seal

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Ensure good ventilation of the work station. Avoid contact during pregnancy/while nursing.
- Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash hands, forearms and face thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep out of reach of children. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatibles. Keep container closed when not in use. Store locked up.
- Incompatible materials : Oxidizing materials. Sources of ignition. Direct sunlight. Strong bases. Strong acids.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Boric acid (H2B4O7), disodium salt, decahydrate (1303-96-4)		
USA - ACGIH	ACGIH TWA (mg/m³)	2 mg/m³ (inhalable particulate matter)
USA - ACGIH	ACGIH STEL (mg/m³)	6 mg/m³ (inhalable particulate matter)
Ethylene glycol (107-21-1)		
USA - ACGIH	ACGIH TWA (ppm)	25 ppm (vapor fraction)
USA - ACGIH	ACGIH STEL (mg/m³)	10 mg/m³ (inhalable particulate matter, aerosol only)
USA - ACGIH	ACGIH STEL (ppm)	50 ppm (vapor fraction)
Sodium hydroxide (1310-73-2)		
USA - ACGIH	ACGIH Ceiling (mg/m³)	2 mg/m³
USA - OSHA	OSHA PEL (TWA) (mg/m³)	2 mg/m³

8.2. Appropriate engineering controls

- Appropriate engineering controls : Ensure good ventilation of the work station. Ensure that eyewash stations and safety showers are close to the workstation location.
- Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Wear chemically resistant protective gloves.

Eye protection:

Wear eye/face protection

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Appearance : No data available
- Colour : Grey
- Odour : Odourless
- Odour threshold : No data available
- pH : No data available
- Relative evaporation rate (butylacetate=1) : No data available

All Weather Seal

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

Relative evaporation rate (ether=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: Not applicable
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Vapour pressure at 50 °C	: No data available
Relative density	: No data available
Density	: 1.2 g/cm ³
Solubility	: Easily soluble in the following materials: cold water and hot water.
Partition coefficient n-octanol/water	: No data available
Viscosity, kinematic	: No data available
Explosive limits	: No data available

9.2. Other information

VOC content	: 10 % (w/w)
-------------	--------------

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	: No dangerous reactions known under normal conditions of use.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: Direct sunlight. Extremely high or low temperatures. Incompatible materials.
Incompatible materials	: Oxidizing materials. Strong acids. Strong bases.
Hazardous decomposition products	: May include, and are not limited to: oxides of carbon. Thermal decomposition generates toxic vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified.
Acute toxicity (dermal)	: Not classified.
Acute toxicity (inhalation)	: Not classified.

Boric acid (H2B4O7), disodium salt, decahydrate (1303-96-4)

LD50 oral rat	3493 mg/kg
LD50 oral	4450 mg/kg
LD50 dermal rabbit	> 10000 mg/kg
LC50 inhalation rat	> 2 mg/m ³ (Exposure time: 4 h)

Ethylene glycol (107-21-1)

LD50 oral rat	4700 mg/kg
LD50 dermal rat	10600 mg/kg

Sodium hydroxide (1310-73-2)

LD50 oral rat	140 - 340 mg/kg
LD50 dermal rabbit	1350 mg/kg

Skin corrosion/irritation	: Causes severe skin burns.
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitization	: Not classified.
Germ cell mutagenicity	: Not classified.
Carcinogenicity	: Not classified.
Reproductive toxicity	: May damage fertility or the unborn child.
STOT-single exposure	: Not classified.
STOT-repeated exposure	: Not classified.
Aspiration hazard	: Not classified.
Symptoms/effects after inhalation	: Causes severe damage to the respiratory tract.

All Weather Seal

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

Symptoms/effects after skin contact	: Causes severe skin burns. Symptoms may include redness, pain, blisters.
Symptoms/effects after eye contact	: Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.
Symptoms/effects after ingestion	: May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: May cause long-term adverse effects in the aquatic environment.
-------------------	---

Boric acid (H2B4O7), disodium salt, decahydrate (1303-96-4)

LC50 fish 1	501 mg/l
-------------	----------

Ethylene glycol (107-21-1)

LC50 fish 1	41000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
LC50 fish 2	14 - 18 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 Daphnia 1	46300 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 96h algae (1)	6500 - 13000 mg/l (Species: Pseudokirchneriella subcapitata)

Sodium hydroxide (1310-73-2)

LC50 fish 1	45.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 Daphnia 1	40 mg/l

12.2. Persistence and degradability

All Weather Seal

Persistence and degradability	Not established.
-------------------------------	------------------

12.3. Bioaccumulative potential

All Weather Seal

Bioaccumulative potential	Not established.
---------------------------	------------------

Ethylene glycol (107-21-1)

Partition coefficient n-octanol/water	-1.93
---------------------------------------	-------

12.4. Mobility in soil

Ethylene glycol (107-21-1)

Partition coefficient n-octanol/water	-1.93
---------------------------------------	-------

12.5. Other adverse effects

Ozone	: Not classified.
Other information	: Avoid release to the environment.

Ethylene glycol (107-21-1)

1990 Hazardous Air Pollutant (Clean Air Act)	Yes
--	-----

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations	: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way.
Ecology - waste materials	: Avoid release to the environment.

SECTION 14: Transport information

14.1. Basic shipping description

In accordance with TDG

Transportation of Dangerous Goods

Not regulated for transport

All Weather Seal

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

14.2. Transport information/DOT

No additional information available

14.3. Air and sea transport

No additional information available

SECTION 15: Regulatory information

15.1. National regulations

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

15.2. International regulations

No additional information available

SECTION 16: Other information

Date of issue : 09/04/2018
Revision date : 09/04/2018
Other information : None.
Prepared by : Nexreg Compliance Inc.
www.Nexreg.com



SDS Canada (GHS)_NEXREG_NEW

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.