

SECTION 1: Identification**1.1. Identification**

Product form : Mixture
Product name : All Weather Seal
Product code : 468-9130-16

1.2. Recommended use and restrictions on use

Use of the substance/mixture : 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

1.4. Emergency telephone number

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

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

Skin Corr. 1A
Eye Dam. 1
Repr. 1B

2.2. GHS Label elements, including precautionary statements**GHS-US labeling**

Hazard pictograms (GHS-US) :



Signal word (GHS-US) : Danger

Hazard statements (GHS-US) : Causes severe skin burns and eye damage
May damage fertility or the unborn child

Precautionary statements (GHS-US) : Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not breathe dust/fume/gas/mist/vapors/spray.
Wash hands, forearms and face thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
If swallowed: rinse mouth. Do NOT induce vomiting
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
Wash contaminated clothing before reuse.
If inhaled: Remove person to fresh air and keep comfortable for breathing
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 or doctor
Store locked up.
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 which do not result in classification

Causes severe damage to the respiratory tract.

2.4. Unknown acute toxicity (GHS US)

Not applicable

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according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % |
|------------------|------------------------|--------------|
| Inorganic Borate | (CAS-No.) Trade Secret | Trade Secret |
| Talc | (CAS-No.) Trade Secret | Trade Secret |
| Caustic Base 1 | (CAS-No.) Trade Secret | Trade Secret |
| Ethylene glycol | (CAS-No.) 107-21-1 | 1 - 5 |
| Caustic Base 2 | (CAS-No.) Trade Secret | Trade Secret |

*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 victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.
- 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 or doctor/physician.
- 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 or doctor/physician.
- First-aid measures after ingestion : IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

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

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 (and unsuitable) extinguishing media

- Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.
- Unsuitable extinguishing media : None known.

5.2. Specific hazards arising from the chemical

- Fire hazard : No fire hazard. Products of combustion may include and are not limited to: oxides of carbon.
- Explosion hazard : No direct explosion hazard.
- Reactivity : No dangerous reactions known under normal conditions of use.

5.3. 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.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

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6.3. Methods and material 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.

6.4. Reference to other sections

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

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/vapors/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

| Inorganic Borate (Trade Secret) | | |
|---------------------------------|--------------------------------------|---|
| ACGIH | ACGIH TWA (mg/m ³) | 2 mg/m ³ (inhalable particulate matter) |
| ACGIH | ACGIH STEL (mg/m ³) | 6 mg/m ³ (inhalable particulate matter) |
| NIOSH | NIOSH REL (TWA) (mg/m ³) | 5 mg/m ³ |
| Talc (Trade Secret) | | |
| ACGIH | Local name | Talc (2009) Containing no asbestos fibers |
| ACGIH | ACGIH TWA (mg/m ³) | 2 mg/m ³ (particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter) |
| ACGIH | Regulatory reference | ACGIH 2017 |
| OSHA | OSHA PEL (TWA) (ppm) | 20 mppcf |
| OSHA | Remark (OSHA) | Table Z-3. CAS No. source: eCFR Table Z-1. |
| OSHA | Regulatory reference (US-OSHA) | OSHA Annotated Table Z-3 Mineral Dusts |
| IDLH | US IDLH (mg/m ³) | 1000 mg/m ³ (containing no asbestos and <1% quartz) |
| NIOSH | NIOSH REL (TWA) (mg/m ³) | 2 mg/m ³ (containing no Asbestos and <1% Quartz-respirable dust) |
| Caustic Base 1 (Trade Secret) | | |
| Not applicable | | |
| Ethylene glycol (107-21-1) | | |
| ACGIH | ACGIH TWA (ppm) | 25 ppm (vapor fraction) |
| ACGIH | ACGIH STEL (mg/m ³) | 10 mg/m ³ (inhalable particulate matter, aerosol only) |
| ACGIH | ACGIH STEL (ppm) | 50 ppm (vapor fraction) |
| Caustic Base 2 (Trade Secret) | | |
| ACGIH | ACGIH Ceiling (mg/m ³) | 2 mg/m ³ |
| OSHA | OSHA PEL (TWA) (mg/m ³) | 2 mg/m ³ |
| IDLH | US IDLH (mg/m ³) | 10 mg/m ³ |

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| Caustic Base 2 (Trade Secret) | | |
|-------------------------------|--|---------------------|
| NIOSH | NIOSH REL (ceiling) (mg/m ³) | 2 mg/m ³ |

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
- Color : Gray
- Odor : Odorless
- Odor threshold : No data available
- pH : No data available
- Melting point : Not applicable
- Freezing point : No data available
- Boiling point : No data available
- Flash point : Not applicable
- Relative evaporation rate (butyl acetate=1) : No data available
- Flammability (solid, gas) : Non flammable.
- Vapor pressure : No data available
- Relative vapor density at 20 °C : No data available
- Relative density : No data available
- Specific gravity / density : 1.2 g/cm³
- Solubility : Easily soluble in the following materials: cold water and hot water.
- Partition coefficient n-octanol/water : No data available
- Auto-ignition temperature : No data available
- Decomposition temperature : No data available
- Viscosity, kinematic : No data available
- Viscosity, dynamic : No data available
- Explosion limits : No data available
- Explosive properties : No data available
- Oxidizing properties : No data available

9.2. Other information

- VOC content : 10 % (w/w)

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SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Incompatible materials.

10.5. Incompatible materials

Oxidizing materials. Strong acids. Strong bases.

10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon. Thermal decomposition generates toxic vapors.

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

| Inorganic Borate (Trade Secret) | |
|---------------------------------|--|
| LD50 oral rat | 3493 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 |

| Caustic Base 2 (Trade Secret) | |
|-------------------------------|-----------------|
| 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.

| Talc (Trade Secret) | |
|--|-----------------------------|
| IARC group | 3 - Not classifiable |
| National Toxicology Program (NTP) Status | Evidence of Carcinogenicity |

Reproductive toxicity : May damage fertility or the unborn child.
Specific target organ toxicity – single exposure : Not classified
Specific target organ toxicity – repeated exposure : Not classified.
Aspiration hazard : Not classified
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.

SECTION 12: Ecological information

12.1. Toxicity

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

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| Inorganic Borate (Trade Secret) | |
|---------------------------------|--|
| LC50 fish 1 | 501 mg/l |
| Talc (Trade Secret) | |
| LC50 fish 1 | > 100 g/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static]) |
| Ethylene glycol (107-21-1) | |
| LC50 fish 1 | 41000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss) |
| EC50 Daphnia 1 | 46300 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| LC50 fish 2 | 14 - 18 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) |
| Caustic Base 2 (Trade Secret) | |
| 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. |
| Talc (Trade Secret) | |
| BCF fish 1 | (no known bioaccumulation) |
| Ethylene glycol (107-21-1) | |
| Partition coefficient n-octanol/water | -1.93 |

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

| Ethylene glycol (107-21-1) | |
|--|-----|
| 1990 Hazardous Air Pollutant (Clean Air Act) | Yes |

Other information : Avoid release to the environment.

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

Department of Transportation (DOT)

In accordance with DOT

Not regulated

SECTION 15: Regulatory information


15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

15.2. International regulations

No additional information available

15.3. US State regulations

 **WARNING:** This product can expose you to Sodium o-phenylphenol, which is known to the State of California to cause cancer, and Ethylene glycol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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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



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