

# SAFETY DATA SHEET



Issue Date 25-Mar-2016

Revision Date 09-Aug-2019

Version 3

## 1. IDENTIFICATION

### Product identifier

**Product Name** AIRBLOC 16 MR

### Other means of identification

**Product Code** HE016

**Synonyms** None

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

**Recommended Use** Coatings

**Uses advised against** No information available

### Details of the supplier of the safety data sheet

#### **Supplier Address**

HENRY COMPANY  
15 Wallsend Dr.  
Scarborough, ON M1E 3X6  
Canada

Web Site: [www.henry.com](http://www.henry.com)

[www.ca.henry.com](http://www.ca.henry.com)

#### **Manufacturer Address**

HENRY COMPANY  
999 N. Pacific Coast Hwy., Suite 800  
El Segundo, CA 90245-2716  
Web Site: [www.henry.com](http://www.henry.com) [www.ca.henry.com](http://www.ca.henry.com)

### Emergency telephone number

**Company Phone Number** 800-486-1278

**Emergency Telephone** US and Canada only (toll-free) : 3E Company - 1-866-519-4752 (access code 334832)

US/Canada, all other countries: 3E Company - +1-760-476-3962 (access code 334832)

Mexico (additional contact option): 3E Company - +52 55 41696225 (Code 334832)

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canadian Workplace Hazardous Material Information System (WHMIS)

|  |             |
|--|-------------|
| Skin corrosion/irritation                        | Category 2  |
| Serious eye damage/eye irritation                | Category 2A |
| Specific target organ toxicity (single exposure) | Category 3  |

### Label elements

#### Emergency Overview

#### Warning

#### **Hazard statements**

Causes skin irritation

Causes serious eye irritation

May cause respiratory irritation

**Appearance** viscous cream**Physical state** liquid**Odor** Slight**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Use only outdoors or in a well-ventilated area

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 If eye irritation persists: Get medical advice/attention  
 IF ON SKIN: Wash with plenty of soap and water  
 If skin irritation occurs: Get medical advice/attention  
 Take off contaminated clothing and wash before reuse  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 Call a POISON CENTER or doctor/physician if you feel unwell

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep container tightly closed  
 Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Other Information**

Not applicable.

**Unknown acute toxicity**

26.6% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance**

Not applicable

**Mixture**

| Chemical Name                               | CAS No      | Weight-%  |
|---|-------------|-----------|
| Aluminum hydroxide (Al(OH) <sub>3</sub> ) * | 21645-51-2  | 30 - 60   |
| Acrylic Polymer Blend *                     | Proprietary | 20 - 30   |
| Water *                                     | 7732-18-5   | 10 - 30   |
| Ethylene glycol *                           | 107-21-1    | 0.5 - 2.5 |
| Titanium dioxide *                          | 13463-67-7  | 0.5 - 2.5 |

\*The exact percentage (concentration) of composition has been withheld as a trade secret. If CAS number is "proprietary", the specific chemical identity and percentage of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

**Description of first aid measures**

|   |  |
|---|--|
| <b>General advice</b>                     | In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). If symptoms persist, call a physician.  |
| <b>Eye contact</b>                        | Keep eye wide open while rinsing. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If symptoms persist, call a physician.      |
| <b>Skin contact</b>                       | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician. Wash contaminated clothing before reuse.                                  |
| <b>Inhalation</b>                         | Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If symptoms persist, call a physician. |
| <b>Ingestion</b>                          | Call a physician or poison control center immediately. Do not induce vomiting without medical advice. Rinse mouth. Never give anything by mouth to an unconscious person.  |
| <b>Self-protection of the first aider</b> | Use personal protective equipment as required.   |

**Most important symptoms and effects, both acute and delayed**

|                 |  |
|-----------------|--|
| <b>Symptoms</b> | May cause redness and tearing of the eyes. Coughing and/ or wheezing. May cause skin irritation. |
|-----------------|--|

**Indication of any immediate medical attention and special treatment needed**

|                           |                        |
|---------------------------|------------------------|
| <b>Note to physicians</b> | Treat symptomatically. |
|---------------------------|------------------------|

**5. FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical, CO<sub>2</sub>, sand, earth, water spray or regular foam.

**Unsuitable extinguishing media** No information available.

**Specific hazards arising from the chemical**

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

**Explosion data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

|                             |  |
|-----------------------------|--|
| <b>Personal precautions</b> | Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. |
|-----------------------------|--|

**Environmental precautions**

|                                  |  |
|----------------------------------|--|
| <b>Environmental precautions</b> | Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. |
|----------------------------------|--|

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Use personal protective equipment as required. Cover liquid spill with sand, earth or other non-combustible absorbent material. Dam up. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

**7. HANDLING AND STORAGE****Precautions for safe handling**

**Advice on safe handling** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wash contaminated clothing before reuse. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.

**Incompatible materials** Strong oxidizing agents. Strong acids. Strong bases.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters****Exposure Guidelines**

| Chemical Name   | ACGIH TLV   | OSHA PEL                             | NIOSH IDLH  |
|---|---|--------------------------------------|---|
| Aluminum hydroxide (Al(OH) <sub>3</sub> )<br>21645-51-2 | TWA: 1 mg/m <sup>3</sup> respirable particulate matter        | -                                    | -   |
| Ethylene glycol<br>107-21-1                             | TWA: 25 ppm (vapor fraction)<br>STEL: 50 ppm (vapor fraction) | -                                    | -   |
| Titanium dioxide<br>13463-67-7                          | TWA: 10 mg/m <sup>3</sup>                                     | TWA: 15 mg/m <sup>3</sup> total dust | IDLH: 5000 mg/m <sup>3</sup><br>TWA: 2.4 mg/m <sup>3</sup> CIB 63 fine<br>TWA: 0.3 mg/m <sup>3</sup> CIB 63 ultrafine, including engineered nanoscale |

*NIOSH IDLH Immediately Dangerous to Life or Health*

**Appropriate engineering controls**

**Engineering Controls** Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin and body protection** Wear protective gloves and protective clothing.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

**Physical state** liquid

|                                       |                            |                         |                          |
|---------------------------------------|----------------------------|-------------------------|--------------------------|
| <b>Appearance</b>                     | viscous cream              | <b>Odor</b>             | Slight                   |
| <b>Color</b>                          | Gray                       | <b>Odor threshold</b>   | No information available |
| <b>Property</b>                       | <b>Values</b>              | <b>Remarks • Method</b> |                          |
| <b>pH</b>                             | 6-9                        |                         |                          |
| <b>Melting point / freezing point</b> | <= 0 °C / 32 °F            |                         |                          |
| <b>Boiling point / boiling range</b>  | > 100 °C / 212 °F          |                         |                          |
| <b>Flash point</b>                    | No information available   |                         |                          |
| <b>Evaporation rate</b>               | >= 1                       |                         |                          |
| <b>Flammability (solid, gas)</b>      | No information available   |                         |                          |
| <b>Flammability Limit in Air</b>      |                            |                         |                          |
| <b>Upper flammability limit:</b>      | No information available   |                         |                          |
| <b>Lower flammability limit:</b>      | No information available   |                         |                          |
| <b>Vapor pressure</b>                 | 18 mmHg                    | @ 25 °C                 |                          |
| <b>Vapor density</b>                  | No information available   |                         |                          |
| <b>Relative density</b>               | 1.2-1.4                    |                         |                          |
| <b>Water solubility</b>               | dispersible                |                         |                          |
| <b>Solubility in other solvents</b>   | No information available   |                         |                          |
| <b>Partition coefficient</b>          | No information available   |                         |                          |
| <b>Autoignition temperature</b>       | No information available   |                         |                          |
| <b>Decomposition temperature</b>      | No information available   |                         |                          |
| <b>Kinematic viscosity</b>            | > 10000 mm <sup>2</sup> /s | @ 40 °C                 |                          |
| <b>Dynamic viscosity</b>              | No information available   |                         |                          |
| <b>Explosive properties</b>           | Not an explosive           |                         |                          |
| <b>Oxidizing properties</b>           | Not applicable             |                         |                          |

**Other Information**

|                         |                          |
|-------------------------|--------------------------|
| <b>Softening point</b>  | No information available |
| <b>Molecular weight</b> | No information available |
| <b>VOC Content (%)</b>  | No information available |
| <b>Density</b>          | No information available |
| <b>Bulk density</b>     | No information available |

## 10. STABILITY AND REACTIVITY

**Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Elevated Temperature. Keep from freezing. Incompatible materials.

**Incompatible materials**

Strong oxidizing agents. Strong acids. Strong bases.

**Hazardous Decomposition Products**

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure****Product Information**

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | May cause irritation of respiratory tract. |
| <b>Eye contact</b>  | Irritating to eyes.                        |
| <b>Skin contact</b> | Irritating to skin.                        |

**Ingestion**

Based on available data, the classification criteria are not met.

| Chemical Name                              | Oral LD50             | Dermal LD50                                      | Inhalation LC50 |
|--|-----------------------|--|-----------------|
| Aluminum hydroxide (Al(OH)3)<br>21645-51-2 | > 5000 mg/kg ( Rat )  | -  | -               |
| Water<br>7732-18-5                         | > 90 mL/kg ( Rat )    | -  | -               |
| Ethylene glycol<br>107-21-1                | = 4700 mg/kg ( Rat )  | = 10600 mg/kg ( Rat ) = 9530 µL/kg<br>( Rabbit ) | -               |
| Titanium dioxide<br>13463-67-7             | > 10000 mg/kg ( Rat ) | -  | -               |

**Information on toxicological effects****Symptoms**

May cause redness and tearing of the eyes. Coughing and/ or wheezing. May cause skin irritation.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Sensitization**

Based on available data, the classification criteria are not met.

**Germ cell mutagenicity**

Based on available data, the classification criteria are not met.

**Carcinogenicity**

This product contains titanium dioxide which is classified as a possible carcinogen when present as respirable dust. This is not relevant for this product since it is a liquid. The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical Name                  | ACGIH | IARC     | NTP | OSHA |
|--------------------------------|-------|----------|-----|------|
| Titanium dioxide<br>13463-67-7 | -     | Group 2B | -   | X    |

*IARC (International Agency for Research on Cancer)**Group 2B - Possibly Carcinogenic to Humans**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**X - Present***Reproductive toxicity**

Based on available data, the classification criteria are not met.

**STOT - single exposure**

Target Organs. Respiratory system. Eyes.

**STOT - repeated exposure**

Based on available data, the classification criteria are not met.

**Target Organ Effects**

Eyes, lungs, Respiratory system, Skin, Central nervous system.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 5,536.00 mg/kg

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

None known

**Persistence and degradability**

No information available.

**Bioaccumulation**

Not likely to bioaccumulate.

| Chemical Name               | Partition coefficient |
|-----------------------------|-----------------------|
| Ethylene glycol<br>107-21-1 | -1.93                 |

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

|                               |   |
|-------------------------------|---|
| <b>Disposal of wastes</b>     | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| <b>Contaminated packaging</b> | Do not reuse container.   |

#### 14. TRANSPORT INFORMATION

|             |               |
|-------------|---------------|
| <b>DOT</b>  | Not regulated |
| <b>TDG</b>  | Not regulated |
| <b>IATA</b> | Not regulated |
| <b>IMDG</b> | Not regulated |

#### 15. REGULATORY INFORMATION

##### International Inventories

|                      |          |
|----------------------|----------|
| <b>TSCA</b>          | Complies |
| <b>DSL/NDSL</b>      | Complies |
| <b>EINECS/ELINCS</b> | Complies |
| <b>IECSC</b>         | Complies |
| <b>KECL</b>          | Complies |
| <b>PICCS</b>         | Complies |
| <b>AICS</b>          | Complies |

##### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

##### US Federal Regulations

##### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| Chemical Name              | SARA 313 - Threshold Values % |
|----------------------------|-------------------------------|
| Ethylene glycol - 107-21-1 | 1.0                           |

##### SARA 311/312 Hazard Categories

|  |     |
|--|-----|
| <b>Acute health hazard</b>               | Yes |
| <b>Chronic Health Hazard</b>             | No  |
| <b>Fire hazard</b>                       | No  |
| <b>Sudden release of pressure hazard</b> | No  |
| <b>Reactive Hazard</b>                   | No  |

##### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

##### CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical Name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|---------------|--------------------------|----------------|--------------------------|
|---------------|--------------------------|----------------|--------------------------|

|                             |         |   |  |
|-----------------------------|---------|---|--|
| Ethylene glycol<br>107-21-1 | 5000 lb | - | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |
|-----------------------------|---------|---|--|

**US State Regulations****California Proposition 65**

This product contains titanium dioxide which is classified as an IARC 2B carcinogen based on laboratory studies where animals were exposed to titanium dioxide dust. This is not a relevant route of exposure for this product since it is a moist solid material with little to no chance of producing dust

| Chemical Name                 | California Proposition 65 |
|-------------------------------|---------------------------|
| Titanium dioxide - 13463-67-7 | Carcinogen                |

**U.S. State Right-to-Know Regulations**

| Chemical Name                  | New Jersey | Massachusetts | Pennsylvania |
|--------------------------------|------------|---------------|--------------|
| Ethylene glycol<br>107-21-1    | X          | X             | X            |
| Titanium dioxide<br>13463-67-7 | X          | X             | X            |

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

|             |                  |                |                    |                                    |
|-------------|------------------|----------------|--------------------|------------------------------------|
| <b>NFPA</b> | Health hazards 2 | Flammability 0 | Instability 0      | Physical and Chemical Properties - |
| <b>HMIS</b> | Health hazards 2 | Flammability 0 | Physical hazards 0 | Personal protection X              |

Issue Date 25-Mar-2016

Revision Date 09-Aug-2019

**Revision Note**

No information available

**Disclaimer**

The information provided in this Material 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.

End of Safety Data Sheet