

# Blue Monster® Zero® Zero® VOC

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations, Canada Hazardous Products Regulations (HPR) / Règlement sur les produits dangereux (RPD)

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Supersedes: 10/14/2015

Version: 3.0

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Trade name : Blue Monster® Zero® Zero® VOC

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : sealant  
Restrictions on use : No additional information available

#### 1.3. Supplier

The Mill-Rose Company  
7310 Corporate Blvd  
Mentor, OH 44060 – USA  
T 800-321-3598 F 440-255-1072  
[info@cleanfit.com](mailto:info@cleanfit.com) – [www.cleanfit.com](http://www.cleanfit.com)



#### 1.4. Emergency telephone number

Emergency number : 24-hour emergency: CHEMTREC- U.S. : 1-800-424-9300 International: +1-703-527-3887;  
全国应急中心 0532 8388 9090

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS classification

Not classified

#### 2.2. GHS Label elements, including precautionary statements

##### GHS-US labelling

No labelling applicable

#### 2.3. Other hazards which do not result in classification

No additional information available

#### 2.4. Unknown acute toxicity (GHS\_US)

Not applicable

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name             | Product identifier   | % (w/w) | GHS classification |
|------------------|----------------------|---------|--------------------|
| Titanium dioxide | (CAS-No.) 13463-67-7 | 1 - 5   | Carc. 2, H351      |

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

Full text of hazard classes and H-statements : see section 16

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

First-aid measures after skin contact : Wash with plenty of water/...

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.

First-aid measures after ingestion : Do NOT induce vomiting. Get medical advice/attention if you feel unwell.

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

Symptoms/effects : None known.

### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Dry powder. Carbon dioxide. Foam.

Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Specific hazards arising from the chemical

Fire hazard : No particular fire or explosion hazard.

Reactivity : No dangerous reactions known.

### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Exercise caution when fighting any chemical fire. Do not allow run-off from fire fighting to enter drains or water courses.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Use self-contained breathing apparatus. Wear fire/flame resistant/retardant clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid contact with skin and eyes.

#### 6.1.1. For non-emergency personnel

Protective equipment : Wear suitable gloves. Chemical goggles or safety glasses.

Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment : Wear suitable gloves. Chemical goggles or safety glasses.

Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

### 6.3. Methods and material for containment and cleaning up

For containment : Absorb and/or contain spill with inert material, then place in suitable container.

Methods for cleaning up : Take up in non-combustible absorbent material and shove into container for disposal.

### 6.4. Reference to other sections

Section 13: disposal information. Section 7: safe handling. Section 8: personal protective equipment.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid breathing vapours.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a dry, cool and well-ventilated place.

Incompatible products : Strong oxidizing agents. Strong acids. Strong bases.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| Titanium dioxide (13463-67-7) |                                |   |
|-------------------------------|--------------------------------|---|
| ACGIH                         | Local name                     | Titanium dioxide  |
| ACGIH                         | ACGIH TWA (mg/m <sup>3</sup> ) | 10 mg/m <sup>3</sup>  |
| ACGIH                         | Remark (ACGIH)                 | TLV® Basis: LRT irr. Notations: A4 (Not classifiable as a Human Carcinogen) |

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| Titanium dioxide (13463-67-7) |                                     |                          |
|-------------------------------|-------------------------------------|--------------------------|
| ACGIH                         | Regulatory reference                | ACGIH 2019               |
| OSHA                          | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 15 mg/m <sup>3</sup>     |
| OSHA                          | Regulatory reference (US-OSHA)      | OSHA Annotated Table Z-1 |

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

### 8.3. Individual protection measures/Personal protective equipment

#### Personal protective equipment:

Avoid all unnecessary exposure.

#### Hand protection:

Use rubber gloves.

#### Eye protection:

In case of splashing or aerosol production: protective goggles.

#### Respiratory protection:

In case of inadequate ventilation wear respiratory protection. Use an approved respirator equipped with oil/mist cartridges.

#### Other information:

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                                 | : Paste. Viscous.       |
| Colour                                     | : white                 |
| Odour                                      | : Oily                  |
| Odour threshold                            | : No data available     |
| pH   | : No data available     |
| Melting point                              | : No data available     |
| Freezing point                             | : No data available     |
| Boiling point                              | : 177 °C                |
| Flash point                                | : 150 °C                |
| Relative evaporation rate (butylacetate=1) | : No data available     |
| Flammability (solid, gas)                  | : No data available     |
| Vapour pressure                            | : No data available     |
| Relative vapour density at 20 °C           | : No data available     |
| Relative density                           | : Specific gravity 1.48 |
| Solubility                                 | : insoluble in water.   |
| Log Pow                                    | : < 1                   |
| Auto-ignition temperature                  | : No data available     |
| Decomposition temperature                  | : > 300 °C              |
| Viscosity, kinematic                       | : No data available     |
| Viscosity, dynamic                         | : No data available     |
| Explosive limits                           | : No data available     |
| Explosive properties                       | : No data available     |
| Oxidising properties                       | : No data available     |

### 9.2. Other information

VOC content : 0 %

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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No dangerous reactions known.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

#### 10.4. Conditions to avoid

Heat. Open flame.

#### 10.5. Incompatible materials

Strong oxidizing agents. Strong bases. Strong acids.

#### 10.6. Hazardous decomposition products

Burning produces irritating, toxic and noxious fumes. Carbon dioxide. Carbon monoxide.

### 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

| Titanium dioxide (13463-67-7) |                |
|-------------------------------|----------------|
| LD50 oral rat                 | > 5000 mg/kg   |
| LC50 inhalation rat (mg/l)    | > 6.82 mg/l/4h |

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified.

| Titanium dioxide (13463-67-7)               |  |
|---|--|
| NOAEL (chronic, oral, animal/male, 2 years) | 5 mg/kg bodyweight rat                         |
| Additional information                      | Carcinogen, cat 1A or 1B<br>Inhalation of dust |
| IARC group                                  | 2B - Possibly carcinogenic to humans           |

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

Viscosity, kinematic : No data available

Likely routes of exposure : Skin and eye contact.

Symptoms/effects : None known.

### SECTION 12: Ecological information

#### 12.1. Toxicity

No additional information available

#### 12.2. Persistence and degradability

| Blue Monster® Zero® Zero® VOC |                  |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |

#### 12.3. Bioaccumulative potential

| Blue Monster® Zero® Zero® VOC |     |
|-------------------------------|-----|
| Log Pow                       | < 1 |

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### Blue Monster® Zero® Zero® VOC

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

#### 12.4. Mobility in soil

### Blue Monster® Zero® Zero® VOC

|                |                  |
|----------------|------------------|
| Ecology - soil | Not established. |
|----------------|------------------|

#### 12.5. Other adverse effects

Other information : Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Sewage disposal recommendations : Do not dispose of waste into sewer.

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

### SECTION 14: Transport information

#### Department of Transportation (DOT)

In accordance with DOT

Not regulated.

#### Transportation of Dangerous Goods

Not regulated.

#### Transport by sea

Not regulated.

#### Air transport

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

##### CANADA

#### Titanium dioxide (13463-67-7)

Listed on the Canadian DSL (Domestic Substances List) inventory.

##### EU-Regulations

#### Titanium dioxide (13463-67-7)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

##### National regulations

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All components are listed on the EEC inventory European Inventory of Existing Commercial Chemical Substances (EINECS). All ingredients are listed on the Canadian Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL).

#### Titanium dioxide (13463-67-7)

Listed on IARC (International Agency for Research on Cancer)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on KECI (Korean Existing Chemicals Inventory)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on Taiwan National Chemical Inventory  
Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)

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### Titanium dioxide (13463-67-7)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on the Japanese ISHL (Industrial Safety and Health Law)

### 15.3. US State regulations

#### Blue Monster® Zero® Zero® VOC

|                            |  |
|----------------------------|--|
| State or local regulations | The titanium dioxide in this product is bound and is not respirable.<br>California Prop. 65 warnings are not required. |
|----------------------------|--|

| Component                    | State or local regulations   |
|------------------------------|--|
| Titanium dioxide(13463-67-7) | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List |

## SECTION 16: Other information

Revision date : 02/19/2020  
Data sources : ACGIH (American Conference of Government Industrial Hygienists). European Chemicals Agency (ECHA) C&L Inventory database. Accessed at <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>. Krister Forsberg and S.Z. Mansdorf, "Quick Selection Guide to Chemical Protective Clothing", Fifth Edition. National Fire Protection Association. Fire Protection Guide to Hazardous Materials; 10th edition. OSHA 29CFR 1910.1200 Hazard Communication Standard. TSCA Chemical Substance Inventory. Accessed at <http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html>.  
Other information : None.

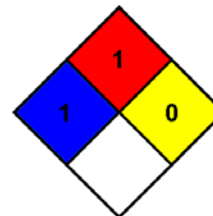
### Full text of H-statements:

|      |                              |
|------|------------------------------|
| H351 | Suspected of causing cancer. |
|------|------------------------------|

### Abbreviations and acronyms:

|  |   |
|--|---|
|  | ACGIH (American Conference of Government Industrial Hygienists)                             |
|  | ATE: Acute Toxicity Estimate  |
|  | CAS (Chemical Abstracts Service) number   |
|  | CLP: Classification, Labelling, Packaging.  |
|  | EC50: Environmental Concentration associated with a response by 50% of the test population. |
|  | GHS: Globally Harmonized System (of Classification and Labeling of Chemicals).              |
|  | LD50: Lethal Dose for 50% of the test population  |
|  | PBT: Persistent, Bioaccumulative, Toxic   |
|  | TSCA: Toxic Substances Control Act  |

NFPA health hazard : 1 - Materials that, under emergency conditions, can cause significant irritation.  
NFPA fire hazard : 1 - Materials that must be preheated before ignition can occur.  
NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and not reactive with water.



### Indication of changes:

Composition/information on ingredients. Regulatory information.

### SDS Prepared by: The Redstone Group

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*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*