



SAFETY DATA SHEET

ConBlock MIC

Section 1. Identification

GHS product identifier : ConBlock MIC
Other means of identification :

Relevant identified uses of the substance or mixture and uses advised against

Not available

Supplier's details : Concrete Sealants, Inc.
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Emergency telephone number (with hours of operation) : 937-845-8776 or 800-332-7325
(6am to 5pm EST)

Section 2. Hazards Identification

OSHA/HCS status : This material is considered hazardous by the OSHA hazard Communication Standard (29 CFR 1910.1200)

Classification of the substance or mixture : Eye Damage/Irritation (Category 2B)

GHS label elements

Hazard Pictograms

Signal word : **WARNING**

Hazard statements : Causes eye irritation.

Precautionary statements

General : Avoid contact with eyes.

Prevention : Wash thoroughly after handling. Wear protective gloves/eye protection/protective clothing.

Response : IF IN EYES: Rinse cautiously with water for 15 minutes or more. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: get medical attention.

Storage : Not applicable

Disposal : Dispose of contents in container in accordance with local/state/federal/international regulations.

Hazards not otherwise classified : Not applicable

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Other means of identification : Not available

CAS number/other identifiers

Section 3. Composition/information on ingredients

CAS number : None
Product code : US EPA Number 87907-1

| Ingredient name | % | CAS number |
|---|---|------------|
| Octadecyl amino dimethyl trimethoxysilyl propyl ammonium chloride | * | 27668-52-6 |

*The percentage of the ingredient is considered a trade secret as allowed by 29 CFR 1910.1200.

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
- Inhalation** : Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention.
- Skin contact** : Wash exposed areas with soap and water. If irritation persists, get medical attention.
- Ingestion** : Wash mouth out with water. Drink large quantities of water to dilute. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Potential acute health effects

- Eye contact** : Direct contact may cause irritation.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

Over-exposure signs/symptoms

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Specific treatments

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth- to- mouth resuscitation.

Section 5. Firefighting measures

Extinguishing media : In a fire or heated, a pressure increase will occur and the container may burst.

Section 5. Firefighting measures

- Suitable extinguishing media** : Use water, carbon dioxide, dry chemical, or foam.
- Unsuitable extinguishing media** : None known
- Specific hazards arising from the chemical** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is fire. No action shall be taken involving any personal risk or without suitable training.
- Hazardous thermal decomposition products** : Decomposition materials may include the following materials:
carbon dioxide
carbon monoxide
Nitrogen oxides
halogenated compounds
metal oxide/oxides
- Special protective actions for firefighters** : Use water spray to cool fire exposed containers.
- Special protective equipment for firefighters** : Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

- Personal precautions** : Ensure adequate ventilation. Keep people away from and upwind of spill/leak.
- Environmental precautions** : Avoid subsoil penetration. Do not disperse into surface water or sanitary system. dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, and soil or air). De-activation may be required during clean-up if a spill occurs. De-activation of ConBlock MIC can be achieved by the addition of an anionic surfactant or detergent (such as soap, sulfones, or sulfates) in quantity equivalent to that of the active ingredient.
- Methods for Clean-up** : Use mechanical handling equipment. Soak up with inert absorbent material (e.g., sand, silica gel, acid binder, universal binder, sawdust)
- Spill** : Ventilate area. Persons performing clean-up should wear adequate protection equipment. Contain material by diking the area around the spill. Use a suitable absorbent material to collect the spilled product, and then shoveled to recovery drums. If the material is released into the environment, the user should determine whether the spill should be reported to the appropriate local, State and Federal authorities.

Section 7. Handling and storage

- Handling and storage** : Material should be stored in its own container and should always be kept covered when not in use.

Section 8. Exposure Controls / Personal Protection

- Appropriate engineering controls** : Use sufficient mechanical (general) or local exhaust.
- Hygiene measures** : As with all industrial chemicals, care should be taken to avoid contact with eyes, skin, and clothing. Hands and unprotected skin should be thoroughly washed and contaminated clothing should be changed prior to any direct personal contact. All exposed clothing should be laundered per normal care instructions before reuse.

Section 8. Exposure Controls / Personal Protection

| | |
|-------------------------------|--|
| Eye/face protection | : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gasses or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields. |
| Hand protection | : Wash at meal time and end of shift. Contaminated clothing and shoes should be cleaned before reuse. Rubber or plastic gloves are recommended. |
| Body protection | : Do not get in to eyes. |
| Other skin protection | : Avoid skin contact. |
| Respiratory protection | : If needed, use a NIOSH approved respirator. |

Section 9. Physical and Chemical Properties

Appearance

| | |
|---|--------------------------|
| Physical state | : Liquid |
| Color | : Clear lt. straw liquid |
| Odor | : Mild |
| Odor threshold | : Not available |
| pH | : 3.5-4.5 |
| Specific gravity | : 0.975 – 1.025 |
| Melting point | : 0°C |
| Boiling point | : 212°F / 100°C |
| Flash point | : >200 |
| Burning time | : Not available |
| Burning rate | : Not available |
| Evaporation rate | : Not available |
| Flammability (solid, gas) | : Not available |
| Lower and upper explosive (flammable) limits | : Not available |
| Vapor pressure | : Not available |
| Vapor density | : Not available |
| Relative density | : Not available |
| Solubility | : Cold water /hot water |
| Solubility in water | : Yes |
| Partition coefficient n-octanol/water | : Not available |
| Auto-ignition temperature | : Not available |
| Decomposition temperature | : Not available |
| SADT | : Not available |
| Viscosity | : Not available |

Section 10. Stability and Reactivity

| | |
|--|---|
| Stability | : The product is stable. |
| Hazardous polymerization | : Will not occur. |
| Conditions and materials to avoid | : Heat, sparks, flame, ignition sources |
| Decomposition products | : Oxidizing agents, strong acids |

Section 11. Toxicological Information

Acute toxicity

There is no data available

Carcinogenicity

There is no data available

Reproductive toxicity

There is no data available

Teratogenicity

There is no data available

Specific target organ toxicity (single exposure)

There is no data available

Specific target organ toxicity (repeated exposure)

There is no data available

Aspiration hazard

There is no data available

Section 12. Ecological Information

Toxicity

There is no data available

Bioaccumulative potential

There is no data available

Mobility in soil

There is no data available

Other adverse effects

This pesticide is toxic to fish.

Section 13. Disposal Considerations

Disposal methods : Disposal of this product should be made in accordance with federal state and local regulations. Refer to the product label for specific instructions regarding the empty container.

Section 14. Transport Information

Not regulated

Section 15. Regulatory Information

U.S. Federal regulations : TSCA 8(a) CDR Exempt/Partial exemption: Not determined
United States inventory (TSCA 8b): All components are listed or exempt.

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) : Not Listed

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

Section 15. Regulatory Information

SARA 302/304

SARA 304 RQ : Not applicable

SARA 311/312

Classification : Not applicable

SARA 313

Classification : Not applicable

State regulations

Massachusetts : Not listed

New York : Not listed

New Jersey : Not listed

Pennsylvania : Not listed

California Prop. 65

Contains no materials known to be on the California proposition 65 list.

International regulations

International lists : **Australia inventory (AICS):** Not determined.
China inventory (IECSC): Not determined.
Japan inventory: Not determined.
Korea inventory: Not determined.
Malaysia Inventory (EHS Register): Not determined.
New Zealand Inventory of Chemicals (NZIoC): Not determined.
Philippines inventory (PICCS): Not determined.
Taiwan inventory (CSNN): Not determined.

Section 16. Other Information

History

Date of issue mm/dd/yyyy : 06/16/2016

Version : 1

Revised sections : Not applicable

Prepared by : Concrete Sealant Inc.

Key to abbreviations

: ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships
1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
UN = United Nations

Notice to reader

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