

# SAFETY DATA SHEET



## MasterFiber MAC 100

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: 07/28/2023  |
| 2.0     | 08/15/2023     | 000000367005 | Date of first issue: 01/09/2023 |

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### SECTION 1. IDENTIFICATION

Product name : MasterFiber MAC 100

Product code : 000000000050137326 000000000050137326

#### Manufacturer or supplier's details

Company name of supplier : Master Builders-Admixtures US,LLC

Address : 23700 Chagrin Blvd  
Beachwood OH 44122

Emergency telephone : ChemTel: +1-813-248-0585

National Emergency Tele- : USA: +1-800-255-3924 ChemTel contract no. MIS9240420  
phone Number

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

Recommended use : Product for construction chemicals

Restrictions on use : Reserved for industrial and professional use.

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS).

#### GHS label elements

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS).

#### Other hazards

No applicable information available.

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### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : No applicable information available.

#### Components

Under the referenced regulation, this product does not contain any components classified for health hazards above the relevant cut off value.

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### SECTION 4. FIRST AID MEASURES

General advice : Remove contaminated clothing.

Do not leave the victim unattended.

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|                                                             |                                                                                                                                                                                                                                        |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| If inhaled                                                  | : Keep patient calm, remove to fresh air.<br><br>If unconscious, place in recovery position and seek medical advice.<br>If symptoms persist, call a physician.                                                                         |
| In case of skin contact                                     | : Wash thoroughly with soap and water                                                                                                                                                                                                  |
| In case of eye contact                                      | : Wash affected eyes for at least 15 minutes under running water with eyelids held open.<br><br>Remove contact lenses.<br>Protect unharmed eye.<br>If eye irritation persists, consult a specialist.                                   |
| If swallowed                                                | : Rinse mouth and then drink 200-300 ml of water.<br><br>Keep respiratory tract clear.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person.<br>If symptoms persist, call a physician. |
| Most important symptoms and effects, both acute and delayed | : None known.                                                                                                                                                                                                                          |
| Notes to physician                                          | : Treat symptomatically.                                                                                                                                                                                                               |

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**SECTION 5. FIRE-FIGHTING MEASURES**

|                                                |                                                                                                                                                                                                                                                                                        |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media                   | : Carbon dioxide (CO <sub>2</sub> )<br>Dry powder<br>Foam<br>Water spray                                                                                                                                                                                                               |
| Specific hazards during fire fighting          | : No applicable information available.                                                                                                                                                                                                                                                 |
| Further information                            | : Copious amounts of water may be used to cool exposures.<br>In case of combustion evolution of toxic gases/vapours possible.<br><br>Standard procedure for chemical fires.<br>Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Special protective equipment for fire-fighters | : Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.<br><br>Wear self-contained breathing apparatus for firefighting if necessary.                                                                                                             |

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions, protective equipment and emergency procedures : Use personal protective clothing.  
Avoid contact with the skin, eyes and clothing.  
Avoid dust formation.
- Environmental precautions : Contain contaminated water/firefighting water.  
Do not discharge into drains/surface waters/groundwater.
- No special environmental precautions required.
- Methods and materials for containment and cleaning up : Sweep/shovel up.  
Place into suitable containers for reuse or disposal in a licensed facility.  
Dispose of in accordance with national, state and local regulations.
- Pick up and arrange disposal without creating dust.  
Sweep up and shovel.  
Keep in suitable, closed containers for disposal.

**SECTION 7. HANDLING AND STORAGE**

- Advice on protection against fire and explosion : Avoid dust formation.
- Provide appropriate exhaust ventilation at places where dust is formed.
- Advice on safe handling : Ensure thorough ventilation of stores and work areas.
- For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.
- Conditions for safe storage : Electrical installations / working materials must comply with the technological safety standards.
- Further information on storage conditions : Avoid dust formation, product dust can form an explosive mixture with air.
- Materials to avoid : No applicable information available.
- No materials to be especially mentioned.
- Further information on storage stability : Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame.  
Protect from direct sunlight.  
No decomposition if stored and applied as directed.

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### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

**Engineering measures** : Provide local exhaust ventilation to maintain recommended P.E.L.

#### Personal protective equipment

**Respiratory protection** : Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) respirator as necessary.

**Hand protection**

**Remarks** : Protective glove selection must be based on the user's assessment of the workplace hazards.

**Eye protection** : Safety glasses with side-shields.  
Safety glasses

**Skin and body protection** : Body protection must be chosen based on level of activity and exposure.  
Protective suit

**Protective measures** : Handle in accordance with good industrial hygiene and safety practice.

**Hygiene measures** : Food, beverages, and tobacco products shall not be carried, stored, or consumed where this material is in use.  
Hands and/or face should be washed before breaks and at the end of the shift.  
Handle in accordance with good industrial hygiene and safety practice.  
General industrial hygiene practice.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** : fibers

**Color** : gray

**Odor** : product specific

**pH** : Not applicable

**Melting point** : Not applicable

**Boiling point** : No applicable information available.

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|                                                  |   |                                                                                |
|--------------------------------------------------|---|--------------------------------------------------------------------------------|
| Flash point                                      | : | Not applicable                                                                 |
| Evaporation rate                                 | : | No applicable information available.                                           |
| Flammability (solid, gas)                        | : | not highly flammable                                                           |
| Self-ignition                                    | : | not self-igniting                                                              |
| Upper explosion limit / Upper flammability limit | : | No applicable information available.                                           |
| Lower explosion limit / Lower flammability limit | : | No applicable information available.                                           |
| Vapor pressure                                   | : | Not applicable                                                                 |
| Relative vapor density                           | : | No applicable information available.                                           |
| Relative density                                 | : | No applicable information available.                                           |
| Bulk density                                     | : | 1,800 - 2,400 kg/m <sup>3</sup>                                                |
| Solubility(ies)                                  |   |                                                                                |
| Water solubility                                 | : | insoluble                                                                      |
| Solubility in other solvents                     | : | No applicable information available.                                           |
| Partition coefficient: n-octanol/water           | : | Not applicable                                                                 |
| Autoignition temperature                         | : | No applicable information available.                                           |
| Decomposition temperature                        | : | No decomposition if stored and handled as prescribed/indicated.                |
| Viscosity                                        |   |                                                                                |
| Viscosity, dynamic                               | : | No applicable information available.                                           |
| Viscosity, kinematic                             | : | No applicable information available.                                           |
| Explosive properties                             | : | Not explosive                                                                  |
| Oxidizing properties                             | : | Based on its structural properties the product is not classified as oxidizing. |
| Sublimation point                                | : | No applicable information available.                                           |
| Metal corrosion rate                             | : | Corrosive effects to metal are not anticipated.                                |

## SECTION 10. STABILITY AND REACTIVITY

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|                                    |                                                                                                                                                                 |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                         | : No applicable information available.<br>No decomposition if stored and applied as directed.                                                                   |
| Chemical stability                 | : No applicable information available.<br>No decomposition if stored and applied as directed.                                                                   |
| Possibility of hazardous reactions | : The product is stable if stored and handled as prescribed/indicated.<br>Stable under recommended storage conditions.<br>No hazards to be specially mentioned. |
| Conditions to avoid                | : See SDS section 7 - Handling and storage.                                                                                                                     |
| Incompatible materials             | : No applicable information available.                                                                                                                          |
| Hazardous decomposition products   | : No applicable information available.                                                                                                                          |

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Not classified based on available information.

#### Product:

|                           |                                                                                                                                                                                                        |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Acute oral toxicity       | : ATE: > 5,000 mg/kg                                                                                                                                                                                   |
| Acute inhalation toxicity | : ATE: Remarks: Determined for gas<br>ATE: > 20.0000 mg/l<br>Remarks: Determined for vapor<br>ATE: > 5.0000 mg/l<br>Remarks: Determined for mist<br>ATE: > 5.0000 mg/l<br>Remarks: Determined for dust |
| Acute dermal toxicity     | : ATE: > 5,000 mg/kg                                                                                                                                                                                   |

#### Skin corrosion/irritation

Not classified based on available information.

#### Serious eye damage/eye irritation

Not classified based on available information.

#### Respiratory or skin sensitization

##### Skin sensitization

Not classified based on available information.

##### Respiratory sensitization

Not classified based on available information.

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**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**Reproductive toxicity**

Not classified based on available information.

**STOT-single exposure**

Not classified based on available information.

**STOT-repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

Not classified based on available information.

**Further information****Product:**

|         |   |                                                                                                                   |
|---------|---|-------------------------------------------------------------------------------------------------------------------|
| Remarks | : | The product has not been tested. The statement has been derived from the properties of the individual components. |
|---------|---|-------------------------------------------------------------------------------------------------------------------|

|         |   |                   |
|---------|---|-------------------|
| Remarks | : | No data available |
|---------|---|-------------------|

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

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Other adverse effects****Product:**

|                                   |   |                   |
|-----------------------------------|---|-------------------|
| Additional ecological information | : | No data available |
|-----------------------------------|---|-------------------|

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**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

|                     |   |                                                                                                                     |
|---------------------|---|---------------------------------------------------------------------------------------------------------------------|
| Waste from residues | : | Dispose of in accordance with local authority regulations. Do not discharge into drains/surface waters/groundwater. |
|---------------------|---|---------------------------------------------------------------------------------------------------------------------|

|                        |   |                                                                                                                       |
|------------------------|---|-----------------------------------------------------------------------------------------------------------------------|
| Contaminated packaging | : | Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thor- |
|------------------------|---|-----------------------------------------------------------------------------------------------------------------------|

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oroughly cleaned.

Empty containers should be taken to an approved waste handling site for recycling or disposal.

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### SECTION 14. TRANSPORT INFORMATION

#### International Regulations

##### UNRTDG

Not regulated as a dangerous good

##### IATA-DGR

Not regulated as a dangerous good

##### IMDG-Code

Not regulated as a dangerous good

##### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

#### Domestic regulation

##### 49 CFR

Not regulated as a dangerous good

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### SECTION 15. REGULATORY INFORMATION

#### California Prop. 65

WARNING: This product can expose you to chemicals including Carbon black, Kieselguhr, soda ash flux-calcined, which is/are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

#### The ingredients of this product are reported in the following inventories:

TSCA : Exempt as an article

DSL : Exempt as an article

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### SECTION 16. OTHER INFORMATION

#### Further information

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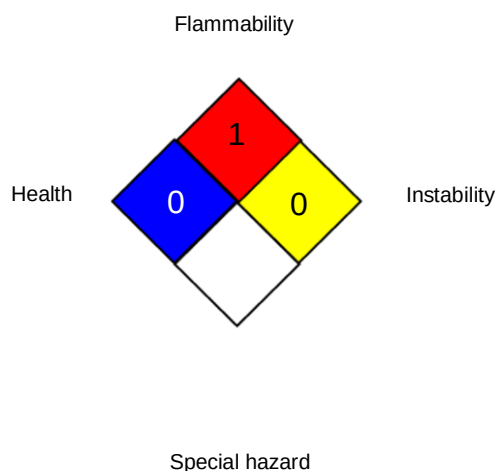
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### NFPA 704:



### HMIS® IV:

|                 |  |  |
|-----------------|--|--|
| HEALTH          |  |  |
| FLAMMABILITY    |  |  |
| PHYSICAL HAZARD |  |  |

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "\*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

### Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

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