

**MasterSeal 550 Part B**

Version            Revision Date:            SDS Number:            Date of last issue: -  
1.0                02/11/2021                960000009255            Date of first issue: 02/11/2021

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**SECTION 1. IDENTIFICATION**

Product name                : MasterSeal 550 Part B  
Product code                : 00000000050001943 00000000050001943

**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 USA: +1-800-255-3924 Contract  
                                      Number MIS9240420

**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 29 CFR 1910.1200**

Not a hazardous substance or mixture.

**GHS label elements**

Not a hazardous substance or mixture.

**Other hazards**

None known.

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**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical nature                : Polymer  
                                      dispersion

**Components**

No hazardous ingredients according to the OSHA Hazard Communication Standard 29CFR 19101200.

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**SECTION 4. FIRST AID MEASURES**

General advice                : First aid personnel should pay attention to their own safety.  
                                      Immediately remove contaminated clothing.

If inhaled                      : Keep patient calm, remove to fresh air.  
                                      If symptoms persist, seek medical advice.

In case of skin contact        : After contact with skin, wash immediately with plenty of water  
                                      and soap.  
                                      Under no circumstances should organic solvent be used.  
                                      If irritation develops, seek medical attention.

In case of eye contact        : Contact lenses should be removed. Hold eyelids open and  
                                      flush with copious amounts of clean, fresh water or a special  
                                      eyewash solution and seek medical advice.

If swallowed                  : Immediately rinse mouth and then drink 200-300 ml of water,  
                                      seek medical attention.  
                                      Do not induce vomiting unless told to by a poison control cen-

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Most important symptoms and effects, both acute and delayed : ter or doctor.  
 Notes to physician : No symptoms known or expected.  
 : Treat symptomatically.

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**SECTION 5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media : Foam  
 Water spray  
 Dry powder  
 Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media : water jet

Hazardous combustion products : harmful vapours  
 nitrogen oxides  
 fumes/smoke  
 carbon black

Further information : The degree of risk is governed by the burning substance and the fire conditions.  
 If exposed to fire, keep containers cool by spraying with water.  
 Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems.  
 Contaminated extinguishing water must be disposed of in accordance with official regulations.

Special protective equipment for fire-fighters : Wear a self-contained breathing apparatus.

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures : Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
 Wear eye/face protection.  
 Use personal protective clothing.  
 Handle in accordance with good building materials hygiene and safety practice.

Environmental precautions : Contain contaminated water/firefighting water.  
 Do not discharge into drains/surface waters/groundwater.

Methods and materials for containment and cleaning up : Pick up with suitable appliance and dispose of.  
 Dispose of absorbed material in accordance with regulations.

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**SECTION 7. HANDLING AND STORAGE**

Advice on protection against fire and explosion : The product is neither self-ignitable, nor an explosion hazard, nor does it promote fires.

Advice on safe handling : Avoid inhalation of dusts/mists/vapours.  
 Avoid skin contact.  
 Ensure adequate ventilation.  
 No special measures necessary provided product is used correctly.

Further information on storage conditions : Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame.

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Protect from direct sunlight.  
Store protected against freezing.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Ingredients with workplace control parameters**

Contains no substances with occupational exposure limit values.

**Engineering measures** : Ensure adequate ventilation.

**Personal protective equipment**

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

Hand protection

Remarks : Chemical resistant protective gloves Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection : Safety glasses with side-shields.

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

Protective measures : Do not inhale dust/fumes/aerosols.  
Avoid contact with the skin, eyes and clothing.  
Avoid exposure - obtain special instructions before use.  
Handle in accordance with good building materials hygiene and safety practice.  
Wearing of closed work clothing is recommended.

Hygiene measures : When using, do not eat, drink or smoke.  
Hands and/or face should be washed before breaks and at the end of the shift.  
At the end of the shift the skin should be cleaned and skin-care agents applied.  
Gloves must be inspected regularly and prior to each use.  
Replace if necessary (e.g. pinhole leaks).  
When using do not eat or drink.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Color : white opaque

Odor : faint, acrylic-like

Odor Threshold : No data available

pH : approx. 8 (68 °F / 20 °C)

Melting point : 32 °F / 0 °C  
Method: Calculation method

Boiling point : 212 °F / 100 °C  
Method: Calculation method

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|  |   |   |
|--|---|---|
| Flash point                                      | : | > 300 °F / > 149 °C   |
|  |   | Method: Calculation method                                      |
| Upper explosion limit / Upper flammability limit | : | No data available   |
| Lower explosion limit / Lower flammability limit | : | No data available   |
| Vapor pressure                                   | : | 23.4 hPa (68 °F / 20 °C)  |
| Density  | : | 1.02 g/cm <sup>3</sup> (68 °F / 20 °C)                          |
| Solubility(ies)                                  |   |   |
| Water solubility                                 | : | partly soluble (59 °F / 15 °C)                                  |
| Partition coefficient: n-octanol/water           | : | No data available   |
| Decomposition temperature                        | : | No decomposition if stored and handled as prescribed/indicated. |
| Viscosity  |   |   |
| Viscosity, dynamic                               | : | approx. 300 - 750 mPa.s (68 °F / 20 °C)                         |
| Viscosity, kinematic                             | : | approx. 291 - 680 mm <sup>2</sup> /s (68 °F / 20 °C)            |
| Sublimation point                                | : | No data available   |
| Molecular weight                                 | : | No data available   |

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**SECTION 10. STABILITY AND REACTIVITY**

|                                    |   |  |
|------------------------------------|---|--|
| Reactivity                         | : | No hazardous reactions if stored and handled as prescribed/indicated.              |
| Chemical stability                 | : | The product is stable if stored and handled as prescribed/indicated.               |
| Possibility of hazardous reactions | : | The product is stable if stored and handled as prescribed/indicated.               |
| Conditions to avoid                | : | See SDS section 7 - Handling and storage.  |
| Incompatible materials             | : | Strong acids<br>Strong bases<br>Strong oxidizing agents<br>Strong reducing agents  |
| Hazardous decomposition products   | : | No hazardous decomposition products if stored and handled as prescribed/indicated. |

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**SECTION 11. TOXICOLOGICAL INFORMATION****Carcinogenicity**

**IARC** No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

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**OSHA** No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

**NTP** No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

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

Remarks : Health injuries are not known or expected under normal use. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Product:****Ecotoxicology Assessment**

Acute aquatic toxicity : This product has no known ecotoxicological effects.

Chronic aquatic toxicity : This product has no known ecotoxicological effects.

**Persistence and degradability****Product:**

Biodegradability : Remarks: Taking into consideration the properties of several ingredients, the product is estimated not to be readily biodegradable according to OECD classification.

**Bioaccumulative potential****Product:**

Bioaccumulation : Remarks: No data available. Discharge into the environment must be avoided.

**Mobility in soil**

No data available

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

Additional ecological information : Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

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

- Waste from residues : Dispose of in accordance with national, state and local regulations.  
Do not discharge into drains/surface waters/groundwater.  
Do not contaminate ponds, waterways or ditches with chemical or used container.
- Contaminated packaging : Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

**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

**SECTION 15. REGULATORY INFORMATION**

- SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**US State Regulations****Pennsylvania Right To Know**

|  |              |
|--|--------------|
| Unknown component of BI 000000185690, ACRONAL MS | Not Assigned |
| 400 na   |              |
| water  | 7732-18-5    |
| formaldehyde                                     | 50-00-0      |
| ethylene oxide                                   | 75-21-8      |

**New Jersey Right To Know**

|  |              |
|--|--------------|
| Unknown component of BI 000000185690, ACRONAL MS | Not Assigned |
| 400 na   |              |
| water  | 7732-18-5    |

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**California Prop. 65**

WARNING: This product can expose you to chemicals including formaldehyde, which is/are known to the State of California to cause cancer, and ethylene oxide, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

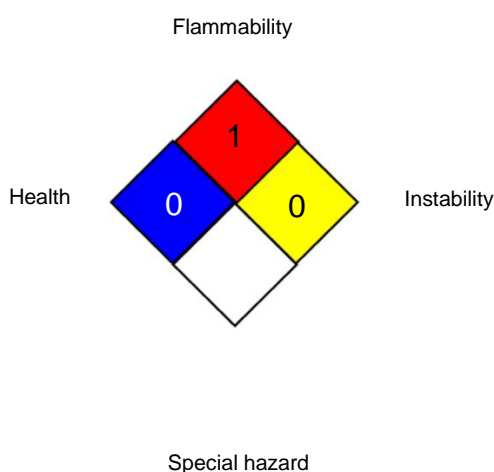
**The ingredients of this product are reported in the following inventories:**

TSCA : All substances listed as active on the TSCA inventory

**TSCA list**

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

**SECTION 16. OTHER INFORMATION****Further information****NFPA 704:****HMIS® IV:**

|                        |                      |                      |
|------------------------|----------------------|----------------------|
| <b>HEALTH</b>          | <input type="text"/> | <input type="text"/> |
| <b>FLAMMABILITY</b>    | <input type="text"/> |                      |
| <b>PHYSICAL HAZARD</b> | <input type="text"/> |                      |

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**

AICS - Australian Inventory of Chemical Substances; 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

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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; 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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We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

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