

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## MasterPolyheed 1855

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: -           |
| 1.0     | 01/25/2024     | 962000000180 | Date of first issue: 01/25/2024 |

### SECTION 1. IDENTIFICATION

Product name : MasterPolyheed 1855

Product code : 000000000059200124 000000000059200124

#### 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-  
phone Number : USA: +1-800-255-3924 ChemTel contract no. 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.

### SECTION 2. HAZARDS IDENTIFICATION

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

Short-term (acute) aquatic hazard : Category 3

#### GHS label elements

Hazard Statements : H402 Harmful to aquatic life.

Precautionary Statements : **Prevention:**  
P273 Avoid release to the environment.

**Disposal:**  
P501 Dispose of contents/ container to an approved waste disposal plant.

#### Other hazards

None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Components

| Chemical name | CAS-No. | Concentration (% w/w) |
|---------------|---------|-----------------------|
|---------------|---------|-----------------------|

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|          |         |       |
|----------|---------|-------|
| bronopol | 52-51-7 | < 0.1 |
|----------|---------|-------|

Actual concentration is withheld as a trade secret

### 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 center or doctor.                 |
| Most important symptoms and effects, both acute and delayed | : None known.                                                                                                                                                                     |
| Notes to physician                                          | : Treat symptomatically.                                                                                                                                                          |

### SECTION 5. FIRE-FIGHTING MEASURES

- |                                |                                                                                                                                                                                                                                                               |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media   | : Foam<br>Water spray<br>Dry powder<br>Carbon dioxide (CO2)                                                                                                                                                                                                   |
| Unsuitable extinguishing media | : water jet                                                                                                                                                                                                                                                   |
| Hazardous combustion products  | : fumes/smoke<br>harmful vapours<br>Carbon oxides<br>nitrogen oxides<br>carbon black                                                                                                                                                                          |
| Further information            | : The degree of risk is governed by the burning substance and the fire conditions.<br>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. |

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Contaminated extinguishing water must be disposed of in accordance with official regulations.

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

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Avoid breathing dust/ fume/ gas/ mist/ vapors/ 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.

### 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.  
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 appropriate certified respirator when exposure limits may be exceeded.  
Use NIOSH approved respiratory protection.

Hand protection

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|                          |                                                                                                                                                                                                                                                                                                                           |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Remarks                  | : Chemical resistant protective gloves. Manufacturer's directions for use should be observed because of great diversity of types.                                                                                                                                                                                         |
| Eye protection           | : Wear safety glasses with side shields or goggles.                                                                                                                                                                                                                                                                       |
| Skin and body protection | : Body protection must be chosen based on level of activity and exposure.                                                                                                                                                                                                                                                 |
| Protective measures      | : Do not inhale dust/fumes/aerosols.<br>Avoid contact with the skin, eyes and clothing.<br>Avoid exposure.<br>Handle in accordance with good building materials hygiene and safety practice.<br>Wearing of closed work clothing is recommended.                                                                           |
| Hygiene measures         | : When using, do not eat, drink or smoke.<br>Hands and/or face should be washed before breaks and at the end of the shift.<br>At the end of the shift the skin should be cleaned and skin-care agents applied.<br>Gloves must be inspected regularly and prior to each use.<br>Replace if necessary (e.g. pinhole leaks). |

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

|                              |                           |
|------------------------------|---------------------------|
| Appearance                   | : liquid                  |
| Color                        | : clear                   |
| Odor                         | : ether-like              |
| Odor Threshold               | : not determined          |
| pH                           | : 4.1                     |
| Melting point/freezing point | : approx. 32 °F / 0 °C    |
| Boiling point/boiling range  | : approx. 212 °F / 100 °C |
| Flash point                  | : No data available       |
| Evaporation rate             | : No data available       |
| Flammability (solid, gas)    | : No data available       |
| Flammability (liquids)       | : No data available       |

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|                                                  |   |                                                                 |
|--------------------------------------------------|---|-----------------------------------------------------------------|
| Upper explosion limit / Upper flammability limit | : | No data available                                               |
| Lower explosion limit / Lower flammability limit | : | No data available                                               |
| Vapor pressure                                   | : | No data available                                               |
| Relative vapor density                           | : | No data available                                               |
| Relative density                                 | : | No data available                                               |
| Density                                          | : | 1.031 g/cm <sup>3</sup> (68 °F / 20 °C)                         |
| Solubility(ies)                                  |   |                                                                 |
| Water solubility                                 | : | No data available                                               |
| Solubility in other solvents                     | : | (68 °F / 20 °C)<br>soluble                                      |
| Partition coefficient: n-octanol/water           | : | not applicable for mixtures                                     |
| Autoignition temperature                         | : | No data available                                               |
| Decomposition temperature                        | : | No decomposition if stored and handled as prescribed/indicated. |
| Viscosity                                        |   |                                                                 |
| Viscosity, dynamic                               | : | No data available                                               |
| Viscosity, kinematic                             | : | No data available                                               |
| Explosive properties                             | : | Not explosive                                                   |
| Oxidizing properties                             | : | No data available                                               |
| Sublimation point                                | : | No data available                                               |
| Molecular weight                                 | : | Not applicable                                                  |

### 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.  |

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|                                  |   |                                                                                    |
|----------------------------------|---|------------------------------------------------------------------------------------|
| 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. |

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Not classified due to lack of data.

#### Skin corrosion/irritation

Not classified due to lack of data.

#### Serious eye damage/eye irritation

Not classified due to lack of data.

#### Respiratory or skin sensitization

##### Skin sensitization

Not classified due to lack of data.

##### Respiratory sensitization

Not classified due to lack of data.

##### Germ cell mutagenicity

Not classified due to lack of data.

##### Carcinogenicity

Not classified due to lack of data.

**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.

**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.

#### Reproductive toxicity

Not classified due to lack of data.

#### STOT-single exposure

Not classified due to lack of data.

#### STOT-repeated exposure

Not classified due to lack of data.

#### Aspiration toxicity

Not classified due to lack of data.

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### 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.

## 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.

#### Components:

##### bronopol:

M-Factor (Acute aquatic toxicity) : 10

M-Factor (Chronic aquatic toxicity) : 1

### 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

#### CERCLA Reportable Quantity

Listed substances in the product are at low enough levels to not be expected to exceed the RQ

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

Listed substances in the product are at low enough levels to not be expected to exceed the RQ

#### SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

#### 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.



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### California Prop. 65

WARNING: This product can expose you to chemicals including propylene oxide, 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 : All substances listed as active on the TSCA inventory

DSL : All components of this product are on the Canadian DSL

### TSCA list

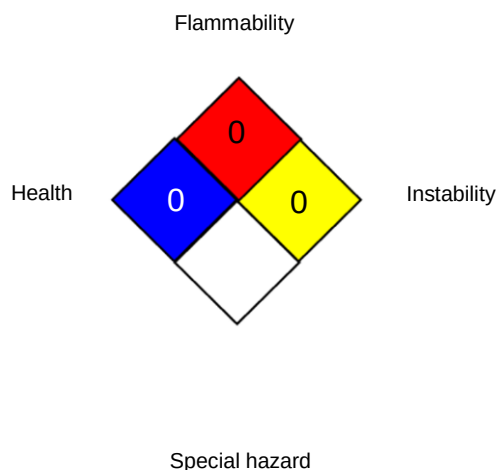
No substances are subject to a Significant New Use Rule.

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

## SECTION 16. OTHER INFORMATION

### Further information

#### NFPA 704:



#### HMIS® IV:

|                 |  |  |
|-----------------|--|--|
| 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

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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

Revision Date : 01/25/2024

The information provided in this 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.

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