

## MasterSeal NP 150

Version 1.0      Revision Date: 07/22/2020      SDS Number: 000000260933      Date of last issue: -  
Date of first issue: 07/22/2020

---

**SECTION 1. IDENTIFICATION**

Product name : MasterSeal NP 150  
Product code : 000000000050436637 000000000050436637

**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.

---

**SECTION 2. HAZARDS IDENTIFICATION****GHS classification in accordance with 29 CFR 1910.1200**

Serious eye damage/eye irritation : Category 2A  
Skin sensitization : 1  
Reproductive toxicity : 1B  
Specific target organ toxicity - repeated exposure : 2 (Liver, Kidney)  
Short-term (acute) aquatic hazard : 3  
Long-term (chronic) aquatic hazard : 3

**GHS label elements**

Hazard pictograms : 

Signal Word : Danger

Hazard Statements : H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.  
H373 May cause damage to organs (Liver, Kidney) through prolonged or repeated exposure.  
H360 May damage fertility or the unborn child.  
H402 Harmful to aquatic life.  
H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements : **Prevention:**

## MasterSeal NP 150

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: -           |
| 1.0     | 07/22/2020     | 000000260933 | Date of first issue: 07/22/2020 |

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P260 Do not breathe dust or mist.  
P273 Avoid release to the environment.  
P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P264 Wash face, hands and any exposed skin thoroughly after handling.

**Response:**

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P314 Get medical advice/ attention if you feel unwell.  
P303 + P352 IF ON SKIN (or hair): Wash with plenty of soap and water.  
P308 + P311 IF exposed or concerned: Call a POISON CENTER/ doctor.  
P362 + P364 Take off contaminated clothing and wash it before reuse.  
P337 + P311 If eye irritation persists: Call a POISON CENTER or doctor/physician.

**Storage:**

P405 Store locked up.

**Disposal:**

P501 Dispose of contents/container to appropriate hazardous waste collection point.

**Other hazards**

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

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

Chemical nature : Sealant

**Components**

| Chemical name                                   | CAS-No.    | Concentration (% w/w) |
|---|------------|-----------------------|
| calcium carbonate                               | 471-34-1   | >= 20 - < 50          |
| Titanium dioxide                                | 13463-67-7 | >= 3 - < 10           |
| Limestone                                       | 1317-65-3  | >= 3 - < 7            |
| stearic acid                                    | 57-11-4    | >= 0.3 - < 3          |
| 2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol | 25973-55-1 | >= 0.2 - < 1          |
| bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate    | 52829-07-9 | >= 0.2 - < 1          |
| N-(3-(Trimethoxysilyl)propyl)ethylenediamine    | 1760-24-3  | >= 0.3 - < 1          |
| Dibutylbis(pentane-2,4-dionato-                 | 22673-19-4 | >= 0.1 - < 0.2        |

## MasterSeal NP 150

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: -           |
| 1.0     | 07/22/2020     | 000000260933 | Date of first issue: 07/22/2020 |

|           |  |  |
|-----------|--|--|
| (O,O')tin |  |  |
|-----------|--|--|

**SECTION 4. FIRST AID MEASURES**

- |   |   |   |
|---|---|---|
| General advice  | : | Move out of dangerous area.<br>Show this material safety data sheet to the doctor in attendance.<br>Do not leave the victim unattended.   |
| If inhaled  | : | No applicable information available.<br>If unconscious, place in recovery position and seek medical advice.<br>If symptoms persist, call a physician.   |
| In case of skin contact                                     | : | If on skin, rinse well with water.  |
| In case of eye contact                                      | : | Immediately flush eye(s) with plenty of water.<br>Remove contact lenses.<br>Protect unharmed eye.<br>Keep eye wide open while rinsing.<br>If eye irritation persists, consult a specialist.   |
| If swallowed  | : | 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.<br>Take victim immediately to hospital.<br>If swallowed accidentally, do not induce vomiting, get medical help immediately. |
| Most important symptoms and effects, both acute and delayed | : | May cause an allergic skin reaction.<br>Causes serious eye irritation.<br>May damage fertility or the unborn child.   |
| Notes to physician  | : | Treat symptomatically.  |

**SECTION 5. FIRE-FIGHTING MEASURES**

- |  |   |   |
|--|---|---|
| Suitable extinguishing media                   | : | Foam<br>Water spray<br>Dry powder<br>Carbon dioxide (CO <sub>2</sub> )  |
| Unsuitable extinguishing media                 | : | High volume water jet   |
| Specific hazards during fire fighting          | : | Do not allow run-off from fire fighting to enter drains or water courses.   |
| Further information                            | : | Collect contaminated fire extinguishing water separately. This must not be discharged into drains.<br>Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |
| Special protective equipment for fire-fighters | : | Wear self-contained breathing apparatus for firefighting if necessary.  |

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- |   |   |  |
|---|---|--|
| Personal precautions, protective equipment and emergency procedures | : | Use personal protective equipment.<br>Avoid dust formation.<br>Avoid breathing dust. |
|---|---|--|

## MasterSeal NP 150

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: -           |
| 1.0     | 07/22/2020     | 000000260933 | Date of first issue: 07/22/2020 |

- Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : 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 : Avoid formation of respirable particles.  
Do not breathe vapors/dust.  
Avoid exposure - obtain special instructions before use.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Dispose of rinse water in accordance with local and national regulations.  
Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Observe label precautions.  
Electrical installations / working materials must comply with the technological safety standards.
- Further information on storage conditions : Keep only in the original container in a cool, well-ventilated place.  
Protect from direct sunlight.  
Store protected against freezing.
- Materials to avoid : Observe VCI storage rules.
- Further information on storage stability : No decomposition if stored and applied as directed.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Ingredients with workplace control parameters**

| Components   | CAS-No. | Value type (Form of exposure)  | Control parameters / Permissible concentration | Basis    |
|--------------|---------|--------------------------------|--|----------|
| stearic acid | 57-11-4 | TWA value (Inhalable fraction) | 10 mg/m <sup>3</sup>                           | ACGIHTLV |

## MasterSeal NP 150

Version  
1.0Revision Date:  
07/22/2020SDS Number:  
000000260933Date of last issue: -  
Date of first issue: 07/22/2020

|                   |           |                                     |                              |                                |
|-------------------|-----------|-------------------------------------|------------------------------|--------------------------------|
|                   |           | TWA value (Respirable fraction)     | 3 mg/m3                      | ACGIHTLV                       |
|                   |           | TWA (Inhalable particulate matter)  | 10 mg/m3                     | ACGIH                          |
|                   |           | TWA (Respirable particulate matter) | 3 mg/m3                      | ACGIH                          |
| calcium carbonate | 471-34-1  | REL value (Total)                   | 10 mg/m3                     | NIOSH                          |
|                   |           | REL value (Respirable)              | 5 mg/m3                      | NIOSH                          |
|                   |           | PEL (Respirable fraction)           | 5 mg/m3                      | 29 CFR 1910.1000 (Table Z-1)   |
|                   |           | PEL (Total dust)                    | 15 mg/m3                     | 29 CFR 1910.1000 (Table Z-1)   |
|                   |           | TWA (Respirable)                    | 5 mg/m3 (Calcium carbonate)  | NIOSH REL                      |
|                   |           | TWA (total)                         | 10 mg/m3 (Calcium carbonate) | NIOSH REL                      |
| Limestone         | 1317-65-3 | REL value (Respirable)              | 5 mg/m3                      | NIOSH                          |
|                   |           | REL value (Total)                   | 10 mg/m3                     | NIOSH                          |
|                   |           | PEL (Respirable fraction)           | 5 mg/m3                      | 29 CFR 1910.1000 (Table Z-1)   |
|                   |           | PEL (Total dust)                    | 15 mg/m3                     | 29 CFR 1910.1000 (Table Z-1)   |
|                   |           | TWA value (Respirable fraction)     | 5 mg/m3                      | 29 CFR 1910.1000 (Table Z-1-A) |
|                   |           | TWA value (Total dust)              | 15 mg/m3                     | 29 CFR 1910.1000 (Table Z-1-A) |
|                   |           | TWA (total dust)                    | 15 mg/m3                     | OSHA Z-1                       |
|                   |           | TWA (respirable fraction)           | 5 mg/m3                      | OSHA Z-1                       |
|                   |           | TWA (Total dust)                    | 15 mg/m3                     | OSHA P0                        |
|                   |           | TWA (respirable dust fraction)      | 5 mg/m3                      | OSHA P0                        |
|                   |           | TWA (Respirable)                    | 5 mg/m3 (Calcium carbonate)  | NIOSH REL                      |

## MasterSeal NP 150

Version 1.0      Revision Date: 07/22/2020      SDS Number: 000000260933      Date of last issue: -  
 Date of first issue: 07/22/2020

|   |            |                           |   |                                      |
|---|------------|---------------------------|---|--------------------------------------|
|   |            | TWA (total)               | 10 mg/m <sup>3</sup><br>(Calcium carbonate) | NIOSH REL                            |
| Titanium dioxide                        | 13463-67-7 | TWA value                 | 10 mg/m <sup>3</sup>                        | ACGIHTLV                             |
|   |            | PEL (Total dust)          | 15 mg/m <sup>3</sup>                        | 29 CFR<br>1910.1000<br>(Table Z-1)   |
|   |            | TWA value<br>(Total dust) | 10 mg/m <sup>3</sup>                        | 29 CFR<br>1910.1000<br>(Table Z-1-A) |
|   |            | TWA (total dust)          | 15 mg/m <sup>3</sup>                        | OSHA Z-1                             |
|   |            | TWA (Total dust)          | 10 mg/m <sup>3</sup>                        | OSHA P0                              |
|   |            | TWA                       | 10 mg/m <sup>3</sup><br>(Titanium dioxide)  | ACGIH                                |
| Dibutylbis(pentane-2,4-dionato-O,O')tin | 22673-19-4 | TWA value                 | 0.1 mg/m <sup>3</sup><br>(tin (Sn))         | ACGIHTLV                             |
|   |            | STEL value                | 0.2 mg/m <sup>3</sup><br>(tin (Sn))         | ACGIHTLV                             |
|   |            | REL value                 | 0.1 mg/m <sup>3</sup><br>(tin (Sn))         | NIOSH                                |
|   |            | PEL                       | 0.1 mg/m <sup>3</sup><br>(tin (Sn))         | 29 CFR<br>1910.1000<br>(Table Z-1)   |
|   |            | TWA value                 | 0.1 mg/m <sup>3</sup><br>(tin (Sn))         | 29 CFR<br>1910.1000<br>(Table Z-1-A) |
|   |            | TWA                       | 0.1 mg/m <sup>3</sup><br>(Tin)              | OSHA Z-1                             |
|   |            | TWA                       | 0.1 mg/m <sup>3</sup><br>(Tin)              | ACGIH                                |
|   |            | STEL                      | 0.2 mg/m <sup>3</sup><br>(Tin)              | ACGIH                                |
|   |            | TWA                       | 0.1 mg/m <sup>3</sup><br>(Tin)              | OSHA P0                              |
|   |            | TWA                       | 0.1 mg/m <sup>3</sup><br>(Tin)              | NIOSH REL                            |

**Engineering measures** : No applicable information available.

**Personal protective equipment**

Respiratory protection : Wear appropriate certified respirator when exposure limits may be exceeded.

Hand protection

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water  
Tightly fitting safety goggles  
Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Protective measures : Avoid contact with the skin, eyes and clothing.

## MasterSeal NP 150

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: -           |
| 1.0     | 07/22/2020     | 000000260933 | Date of first issue: 07/22/2020 |

---

Hygiene measures : No special measures necessary if stored and handled correctly.  
 Handle in accordance with good building materials hygiene and safety practice.  
 Wearing of closed work clothing is recommended.  
 : When using do not eat or drink.  
 When using do not smoke.  
 Wash hands before breaks and at the end of workday.

---

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

|  |   |  |
|--|---|--|
| Appearance                                       | : | paste  |
| Color  | : | pigmented  |
| pH   | : | neutral to slightly alkaline   |
| Boiling point                                    | : | No applicable information available.   |
| Flash point                                      | : | does not flash   |
| Evaporation rate                                 | : | No applicable information available.   |
| Upper explosion limit / Upper flammability limit | : | No applicable information available.   |
| Lower explosion limit / Lower flammability limit | : | No applicable information available.   |
| Vapor pressure                                   | : | No applicable information available.   |
| Relative density                                 | : | No applicable information available.   |
| Density  | : | approx. 1.5 g/cm <sup>3</sup>  |
| Bulk density                                     | : | approx. 1.5 g/cm <sup>3</sup>  |
| Solubility(ies)                                  | : |  |
| Water solubility                                 | : | slightly soluble (68 °F / 20 °C)   |
| Solubility in other solvents                     | : | 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<br>Not explosive   |
| Oxidizing properties                             | : | Based on its structural properties the product is not classified as oxidizing. |

## MasterSeal NP 150

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: -           |
| 1.0     | 07/22/2020     | 000000260933 | Date of first issue: 07/22/2020 |

---

Self-heating substances : No data available

Sublimation point : No applicable information available.

Molecular weight : No data available

Metal corrosion rate : Corrosive effects to metal are not anticipated.

---

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reactions : No decomposition if stored and applied as directed.

Conditions to avoid : See SDS section 7 - Handling and storage.

Incompatible materials : Strong acids  
Strong bases  
Strong oxidizing agents  
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 based on available information.

**Skin corrosion/irritation**

Not classified based on available information.

**Serious eye damage/eye irritation**

Causes serious eye irritation.

**Respiratory or skin sensitization****Skin sensitization**

May cause an allergic skin reaction.

**Respiratory sensitization**

Not classified based on available information.

**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**Reproductive toxicity**

May damage fertility or the unborn child.

**STOT-single exposure**

Not classified based on available information.

**STOT-repeated exposure**

May cause damage to organs (Liver, Kidney) through prolonged or repeated exposure.



## MasterSeal NP 150

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: -           |
| 1.0     | 07/22/2020     | 000000260933 | Date of first issue: 07/22/2020 |

**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.

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

Acute aquatic toxicity : Harmful to aquatic life.

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

**Persistence and degradability**

No data available

**Bioaccumulative potential****Components:****calcium carbonate:**

Partition coefficient: n-octanol/water : GLP: no  
Remarks: The value has not been determined because the substance is inorganic.

**Titanium dioxide:**

Partition coefficient: n-octanol/water : Remarks: not applicable

**stearic acid:**

Partition coefficient: n-octanol/water : Remarks: No data available.

log Pow: 8.23  
Method: other (measured)

**2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol:**

Partition coefficient: n-octanol/water : log Pow: > 6.5 (73 °F / 23 °C)  
pH: 6.4  
Method: Partition coefficient (n-octanol/water), HPLC method.

log Pow: 7.3 (77 °F / 25 °C)  
Method: other (calculated)

**bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate:**

Partition coefficient: n-octanol/water : log Pow: 0.35 (77 °F / 25 °C)

## MasterSeal NP 150

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: -           |
| 1.0     | 07/22/2020     | 000000260933 | Date of first issue: 07/22/2020 |

---

|               |   |
|---------------|---|
| octanol/water | pH: 7   |
|               | Method: Partition coefficient (n-octanol/water), Shake-flask method |

**N-(3-(Trimethoxysilyl)propyl)ethylenediamine:**

|  |                            |
|--|----------------------------|
| Partition coefficient: n-octanol/water | : log Pow: -0.82           |
|  | Method: other (calculated) |

**Dibutylbis(pentane-2,4-dionato-O,O')tin:**

|  |  |
|--|--|
| Partition coefficient: n-octanol/water | : Remarks: Study technically not feasible. |
|--|--|

**Mobility in soil**

No data available

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

|                                   |   |
|-----------------------------------|---|
| Additional ecological information | : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.<br>Harmful to aquatic life.<br>Harmful to aquatic life with long lasting effects. |
|-----------------------------------|---|

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

|                        |   |
|------------------------|---|
| Waste from residues    | : Do not contaminate ponds, waterways or ditches with chemical or used container.<br>Dispose of in accordance with national, state and local regulations.<br>Do not discharge into drains/surface waters/groundwater. |
| 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

**MasterSeal NP 150**

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: -           |
| 1.0     | 07/22/2020     | 000000260933 | Date of first issue: 07/22/2020 |

---

Not regulated as a dangerous good

---

**SECTION 15. REGULATORY INFORMATION****US State Regulations****Pennsylvania Right To Know**

|   |            |
|---|------------|
| calcium carbonate   | 471-34-1   |
| Limestone   | 1317-65-3  |
| Titanium dioxide  | 13463-67-7 |
| Di-isononylphthalate  | 28553-12-0 |
| 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich | 68515-48-0 |

**New Jersey Right To Know**

|                  |            |
|------------------|------------|
| Limestone        | 1317-65-3  |
| Titanium dioxide | 13463-67-7 |
| carbon black     | 1333-86-4  |

**California Prop. 65**

WARNING: This product can expose you to chemicals including lead, which is/are known to the State of California to cause cancer and 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 chemical substances in this product are either listed as active on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

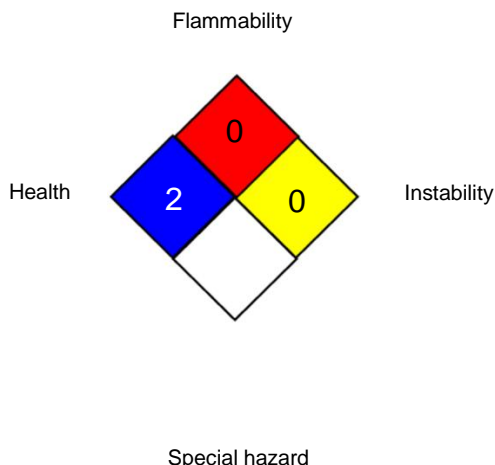
---

**SECTION 16. OTHER INFORMATION****Further information**

## MasterSeal NP 150

Version 1.0      Revision Date: 07/22/2020      SDS Number: 000000260933      Date of last issue: -  
Date of first issue: 07/22/2020

## 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

|  |   |
|--|---|
| 29 CFR 1910.1000 (Table Z-1-A)             | : OSHA - Table Z-1-A (29 CFR 1910.1000)   |
| 29 CFR 1910.1000 (Table Z-1)               | : OSHA - Table Z-1 (Limits for Air Contaminants) 29 CFR 1910.1000                           |
| ACGIH                                      | : USA. ACGIH Threshold Limit Values (TLV)   |
| ACGIHTLV                                   | : American Conference of Governmental Industrial Hygienists - threshold limit values (US)   |
| NIOSH                                      | : NIOSH Pocket Guide to Chemical Hazards (US)   |
| NIOSH REL                                  | : USA. NIOSH Recommended Exposure Limits  |
| OSHA P0                                    | : USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000                             |
| OSHA Z-1                                   | : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants          |
| 29 CFR 1910.1000 (Table Z-1-A) / TWA value | : Time Weighted Average (TWA):  |
| 29 CFR 1910.1000 (Table Z-1) / PEL         | : Permissible exposure limit  |
| ACGIH / TWA                                | : 8-hour, time-weighted average   |
| ACGIH / STEL                               | : Short-term exposure limit   |
| ACGIHTLV / STEL value                      | : Short Term Exposure Limit (STEL):   |
| ACGIHTLV / TWA value                       | : Time Weighted Average (TWA):  |
| NIOSH / REL value                          | : Recommended exposure limit (REL):   |
| NIOSH REL / TWA                            | : Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek |
| OSHA P0 / TWA                              | : 8-hour time weighted average  |
| OSHA Z-1 / TWA                             | : 8-hour time weighted average  |

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

## MasterSeal NP 150

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: -           |
| 1.0     | 07/22/2020     | 000000260933 | Date of first issue: 07/22/2020 |

---

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; 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 : 07/22/2020

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.

IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY OUR COMPANY HEREUNDER ARE GIVEN GRATIS AND WE ASSUME NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND

**MasterSeal NP 150**

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: -           |
| 1.0     | 07/22/2020     | 000000260933 | Date of first issue: 07/22/2020 |

---

INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.

US / EN