

MasterSeal NP 100 Ano Alum

Version 1.0 Revision Date: 08/18/2020 SDS Number: 000000631078 Date of last issue: -
Date of first issue: 08/18/2020

SECTION 1. IDENTIFICATION

Product name : MasterSeal NP 100 Ano Alum
Product code : 000000000050393681 000000000050393681
Other means of identification : No data available

Manufacturer or supplier's details

Company name of supplier : MBSCS Canada, Inc.
Address : 7111 Syntex Drive, 3rd Floor
Mississauga ON L5N 8C3
Emergency telephone : ChemTel: +1-813-248-0585;


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 Hazardous Products Regulations**

Serious eye damage/eye irritation : Category 2A
Skin sensitization : 1A
Carcinogenicity : 1A
Reproductive toxicity : 1B
Reproductive toxicity : 1B
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.

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H317 May cause an allergic skin reaction.
 H350 May cause cancer.
 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:

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
 P201 Obtain special instructions before use.
 P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
 P202 Do not handle until all safety precautions have been read and understood.
 P273 Avoid release to the environment.
 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.
 P308 + P311 IF exposed or concerned: Call a POISON CENTER/ doctor.
 P303 + P362 IF ON SKIN (or hair): Wash with plenty of soap and water.
 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

No data available.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Sealant

Components

| Chemical name | CAS-No. | Concentration (% w/w) |
|---|------------|-----------------------|
| dibutyltin dilaurate | 77-58-7 | >= 0 - < 1 |
| Quartz (SiO ₂) | 14808-60-7 | >= 0 - < 1 |
| 2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol | 25973-55-1 | >= 0.2 - < 3 |
| bis(1,2,2,6,6-pentamethyl-4- | 41556-26-7 | >= 0 - < 3 |

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| | | |
|---|------------|------------------|
| piperidyl)sebacate | | |
| bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate | 52829-07-9 | $\geq 0.2 - < 3$ |
| Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate | 82919-37-7 | $\geq 0 - < 1$ |
| N-(3-(Trimethoxysilyl)propyl)ethylenediamine | 1760-24-3 | $\geq 0.2 - < 3$ |
| Trimethoxyvinylsilane | 2768-02-7 | $\geq 0.3 - < 3$ |
| Dibutylbis(pentane-2,4-dionato-O,O')tin | 22673-19-4 | $\geq 0 - < 1$ |
| calcium carbonate | 471-34-1 | $\geq 3 - < 50$ |
| Limestone | 1317-65-3 | $\geq 3 - < 50$ |
| Titanium dioxide | 13463-67-7 | $\geq 0 - < 15$ |
| stearic acid | 57-11-4 | $\geq 0.1 - < 7$ |

SECTION 4. FIRST AID MEASURES

- General advice : Move out of dangerous area.
Show this material safety data sheet to the doctor in attendance.
Do not leave the victim unattended.
- If inhaled : No applicable information available.

If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.
- In case of skin contact : If skin irritation persists, call a physician.
If on skin, rinse well with water.
If on clothes, remove clothes.
- In case of eye contact : Immediately flush eye(s) with plenty of water.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.
- If swallowed : Induce vomiting immediately and call a physician.
Keep respiratory tract clear.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
Take victim immediately to hospital.
- Most important symptoms and effects, both acute and delayed : May cause an allergic skin reaction.
Causes serious eye irritation.
May cause cancer.
May damage fertility or the unborn child.
- Notes to physician : Treat symptomatically.

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SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Water spray
Foam
Dry powder
Carbon dioxide (CO₂)
- 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.
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.
Avoid dust formation.
Avoid breathing dust.
- 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.
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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

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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 data available

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 ³ | ACGIHTLV |
| | | TWA value (Respirable fraction) | 3 mg/m ³ | ACGIHTLV |
| | | TWA (Inhalable particulate matter) | 10 mg/m ³ | ACGIH |
| | | TWA (Respirable particulate matter) | 3 mg/m ³ | ACGIH |
| dibutyltin dilaurate | 77-58-7 | TWA value | 0.1 mg/m ³ (tin (Sn)) | ACGIHTLV |
| | | STEL value | 0.2 mg/m ³ (tin (Sn)) | ACGIHTLV |
| | | REL value | 0.1 mg/m ³ (tin (Sn)) | NIOSH |
| | | PEL | 0.1 mg/m ³ (tin (Sn)) | 29 CFR 1910.1000 (Table Z-1) |
| | | TWA value | 0.1 mg/m ³ (tin (Sn)) | 29 CFR 1910.1000 (Table Z-1-A) |
| | | TWA | 0.1 mg/m ³ (Tin) | CA AB OEL |

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| | | STEL | 0.2 mg/m3 (Tin) | CA AB OEL |
| | | TWAEV | 0.1 mg/m3 (Tin) | CA QC OEL |
| | | STEV | 0.2 mg/m3 (Tin) | CA QC OEL |
| | | TWA | 0.1 mg/m3 (Tin) | CA BC OEL |
| | | STEL | 0.2 mg/m3 (Tin) | CA BC OEL |
| | | TWA | 0.1 mg/m3 (Tin) | CA ON OEL |
| | | TWA | 0.1 mg/m3 (Tin) | ACGIH |
| | | STEL | 0.2 mg/m3 (Tin) | 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) |
| | | TWAEV (total dust) | 10 mg/m3 | CA QC OEL |
| | | TWA | 10 mg/m3 (Calcium carbonate) | CA AB OEL |
| | | TWA (Total dust) | 10 mg/m3 | CA BC OEL |
| | | TWA (respirable dust fraction) | 3 mg/m3 | CA BC OEL |
| | | STEL | 20 mg/m3 | CA BC OEL |
| 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 | 10 mg/m3 | CA AB OEL |

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| | | TWAEV (total dust) | 10 mg/m3 | CA QC OEL |
| | | TWA (Total dust) | 10 mg/m3 | CA BC OEL |
| | | TWA (respirable dust fraction) | 3 mg/m3 | CA BC OEL |
| | | STEL | 20 mg/m3 | CA BC OEL |
| Titanium dioxide | 13463-67-7 | TWA value | 10 mg/m3 | ACGIHTLV |
| | | PEL (Total dust) | 15 mg/m3 | 29 CFR 1910.1000 (Table Z-1) |
| | | TWA value (Total dust) | 10 mg/m3 | 29 CFR 1910.1000 (Table Z-1-A) |
| | | TWA | 10 mg/m3 | CA AB OEL |
| | | TWA (Total dust) | 10 mg/m3 | CA BC OEL |
| | | TWA (respirable dust fraction) | 3 mg/m3 | CA BC OEL |
| | | TWAEV (total dust) | 10 mg/m3 | CA QC OEL |
| | | TWA | 10 mg/m3 (Titanium dioxide) | ACGIH |

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.
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.

Hygiene measures : When using do not eat or drink.
When using do not smoke.

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Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : paste

Color : pigmented

Odor : faint odour

Odor Threshold : No data available

pH : not applicable

Melting point : No applicable information available.

Freezing point : No applicable information available.

Boiling point : No applicable information available.

Flash point : > 253 °F

Method: Standard Method of Test for Flash Point by Setaflash Closed Tester does not flash

Evaporation rate : No applicable information available.

Flammability (solid, gas) : 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 vapor density : No applicable information available.

Relative density : No applicable information available.

Density : 1.40 g/cm³ (22 - 25 °C)

Solubility(ies)

 Water solubility : insoluble (15 °C)

 Solubility in other solvents : No applicable information available.

Partition coefficient: n-octanol/water : No applicable information available.

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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.

Oxidizing properties : Based on its structural properties the product is not classified as oxidizing.

Self-heating substances : No data available

Sublimation point : No applicable information available.

Molecular weight : No data available

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.

Product:

Acute inhalation toxicity : Remarks: No applicable information available.

Skin corrosion/irritation

Not classified based on available information.

Product:

Remarks : May cause skin irritation and/or dermatitis.

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Serious eye damage/eye irritation

Causes serious eye irritation.

Product:

Remarks : May cause irreversible eye damage.

Respiratory or skin sensitization**Skin sensitization**

May cause an allergic skin reaction.

Respiratory sensitization

Not classified based on available information.

Product:

Remarks : Causes sensitization.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

May cause cancer.

Reproductive toxicity

May damage fertility or the unborn child.

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.

Product:

No aspiration hazard expected.

Further information**Product:**

Remarks : No data available

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity**

No data available

Persistence and degradability

No data available

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Bioaccumulative potential**Components:****dibutyltin dilaurate:**

Partition coefficient: n-octanol/water : log Pow: 3.17 (20.8 °C)
pH: 6.1 - 6.3
Method: Partition coefficient (n-octanol/water), Shake-flask method
GLP: yes

Quartz (SiO₂):

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

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

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

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

bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate:

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

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

Partition coefficient: n-octanol/water : log Pow: 0.35 (25 °C)
pH: 7
Method: Partition coefficient (n-octanol/water), Shake-flask method

Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate:

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

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

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

Trimethoxyvinylsilane:

Partition coefficient: n-octanol/water : log Pow: 1.1 (20 °C)

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

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

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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)

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.
Harmful to aquatic life.
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.
Dispose of in accordance with national, state and local regulations.
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****IATA-DGR**

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

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

Not applicable for product as supplied.

Domestic regulation**TDG**

Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION**The ingredients of this product are reported in the following inventories:**

DSL : On the inventory, or in compliance with the inventory

SECTION 16. OTHER INFORMATION**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)

CA AB OEL : Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)

CA BC OEL : Canada. British Columbia OEL

CA ON OEL : Ontario Table of Occupational Exposure Limits made under the Occupational Health and Safety Act.

CA QC OEL : Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants

NIOSH : NIOSH Pocket Guide to Chemical Hazards (US)

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):

CA AB OEL / TWA : 8-hour Occupational exposure limit

CA AB OEL / STEL : 15-minute occupational exposure limit

CA BC OEL / TWA : 8-hour time weighted average

CA BC OEL / STEL : short-term exposure limit

CA ON OEL / TWA : Time-Weighted Average Limit (TWA)

CA QC OEL / TWA EV : Time-weighted average exposure value

CA QC OEL / STEV : Short-term exposure value

NIOSH / REL value : Recommended exposure limit (REL):

AICS - Australian Inventory of Chemical Substances; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for

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Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; 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; 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; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; 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; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; 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; WHMIS - Workplace Hazardous Materials Information System

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