

MasterSeal NP 150 Med Brz

Version Revision Date: SDS Number: Date of last issue: 08/06/2020
2.0 07/24/2023 000000260963 Date of first issue: 08/06/2020

SECTION 1. IDENTIFICATION

Product name : MasterSeal NP 150 Med Brz
Product code : 000000000050446481 000000000050446481
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;
National Emergency Tele- : USA: +1-800-255-3924 ChemTel contract no. MIS9240420
phone Number


Recommended use of the chemical and restrictions on use

Recommended use : Sealant
Restrictions on use : Reserved for industrial and professional use.

SECTION 2. HAZARDS IDENTIFICATION**GHS classification in accordance with the Hazardous Products Regulations**

Eye irritation : Category 2A
Skin sensitization : Category 1
Reproductive toxicity : Category 1B
Short-term (acute) aquatic : Category 3
hazard
Long-term (chronic) aquatic : Category 3
hazard

GHS label elements

Hazard pictograms : 

Signal Word : Danger

Hazard Statements : H319 Causes serious eye irritation.
 : H317 May cause an allergic skin reaction.

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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:

P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P261 Avoid breathing dust, fume, gas, mist, vapors or spray.
 P272 Contaminated work clothing must not be allowed out of the workplace.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
 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.
 P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
 P308 + P313 IF exposed or concerned: Get medical advice/ attention.
 P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
 P363 Wash contaminated clothing before reuse.
 P337 + P313 If eye irritation persists: Get medical advice/ attention.

Storage:

P405 Store locked up.

Disposal:

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

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Mixture based on:
 polymers
 Fillers

Components

Chemical name	Common Name/Synonym	CAS-No.	Concentration (% w/w)
calcium carbonate	Carbonic acid calcium salt (1:1)	471-34-1	>= 30 - < 50
Limestone	Calcium car-	1317-65-3	>= 5 - < 10

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	bonate		
Octadecanoic acid, monoester with 1,2,3-propanetriol	Stearic acid, monoester with glycerol	31566-31-1	>= 1 - < 5
Calcium distearate	Octadecanoic acid, calcium salt	1592-23-0	>= 1 - < 5
bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate	Decanedioic acid, bis(2,2,6,6-tetramethyl-4-piperidinyl) ester	52829-07-9	>= 0.1 - < 1
Aminoethyl aminopropyl trimethoxy silane	1,2-Ethanediamine, N-[3-(trimethoxysilyl)propyl]-	1760-24-3	>= 0.1 - < 1
Carbon black	Lampblack	1333-86-4	>= 0.1 - < 1
Proprietary amide wax**	Proprietary amide wax	Proprietary**	>= 0.1 - < 1
Dibutyltin diacetylacetonate	Tin, dibutylbis(2,4-pentanedionato-O,O')-, (OC-6-11)-	22673-19-4	>= 0.1 - < 1

Actual concentration is withheld as a trade secret

** See Section 15 for HMIRA information.

**The masked component(s) has only environmental hazards; HMIRA claims are not required for masked components with only environmental hazards.

SECTION 4. FIRST AID MEASURES

- General advice : First aid personnel should pay attention to their own safety.
Remove contaminated clothing.
- If inhaled : If generated vapours are inhaled, move to fresh air.
Seek medical attention.
- In case of skin contact : Wash thoroughly with soap and water
Under no circumstances should organic solvent be used.
If irritation develops, seek medical attention.
- In case of eye contact : Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.
Remove contact lenses, if present, after first 5 minutes, then continue rinsing for an additional 15 minutes.
- If swallowed : Rinse mouth and then drink 200-300 ml of water.
DO NOT induce vomiting unless directed to do so by a physician or poison control center.
- Most important symptoms and effects, both acute and delayed : Causes serious eye irritation.
May cause an allergic skin reaction.
May damage fertility or the unborn child.

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Notes to physician : Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Foam
Water spray
Dry powder
Carbon dioxide (CO₂)

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

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

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : 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 : Sweep/shovel up.
Dispose of absorbed material in accordance with regulations.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Keep away from sources of ignition - No smoking.
The relevant fire protection measures should be noted.

Advice on safe handling : Avoid contact with the skin, eyes and clothing.

Conditions for safe storage : Keep only in the original container in a cool, well-ventilated place.
Protect from direct sunlight.
Store protected against freezing.

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
calcium carbonate	471-34-1	TWAEV (total dust)	10 mg/m ³	CA QC OEL
		TWA	10 mg/m ³ (Calcium carbonate)	CA AB OEL
		TWA (Total dust)	10 mg/m ³	CA BC OEL
		TWA (respirable dust fraction)	3 mg/m ³	CA BC OEL
		STEL	20 mg/m ³	CA BC OEL
Limestone	1317-65-3	TWA	10 mg/m ³	CA AB OEL
		TWAEV (total dust)	10 mg/m ³	CA QC OEL
		TWA (Total dust)	10 mg/m ³	CA BC OEL
		TWA (respirable dust fraction)	3 mg/m ³	CA BC OEL
		STEL	20 mg/m ³	CA BC OEL
Octadecanoic acid, monoester with 1,2,3-propanetriol	31566-31-1	TWA value (Inhalable fraction)	10 mg/m ³	ACGIHTLV
		TWA value (Respirable fraction)	3 mg/m ³	ACGIHTLV
		TWA	10 mg/m ³	CA AB OEL
		TWA (Inhalable)	10 mg/m ³	CA BC OEL
		TWA (Respirable)	3 mg/m ³	CA BC OEL
		TWA (Inhalable particulate matter)	10 mg/m ³	ACGIH
		TWA (Respirable particulate matter)	3 mg/m ³	ACGIH
		Calcium distearate	1592-23-0	TWA
		TWA (Inhalable)	10 mg/m ³	CA BC OEL
		TWA (Respirable)	3 mg/m ³	CA BC OEL
		TWA (Inhalable particulate matter)	10 mg/m ³	ACGIH

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		TWA (Respirable particulate matter)	3 mg/m ³	ACGIH
Dibutyltin diacetyldiacetate	22673-19-4	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
		STEL	0.2 mg/m ³ (Tin)	CA AB OEL
		TWAEV	0.1 mg/m ³ (Tin)	CA QC OEL
		STEV	0.2 mg/m ³ (Tin)	CA QC OEL
		TWA	0.1 mg/m ³ (Tin)	CA BC OEL
		STEL	0.2 mg/m ³ (Tin)	CA BC OEL
		TWA	0.1 mg/m ³ (Tin)	CA ON OEL
		TWA	0.1 mg/m ³ (Tin)	ACGIH
		STEL	0.2 mg/m ³ (Tin)	ACGIH

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

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 : Avoid contact with the skin, eyes and clothing.

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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, 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).

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: paste
Color	: pigmented
Odor	: odorless
Odor Threshold	: Not applicable
pH	: neutral to slightly alkaline
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: does not flash
Evaporation rate	: No data available
Flammability (solid, gas)	: Not classified as a flammability hazard
Self-ignition	: not self-igniting
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	: Heavier than air.

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Relative density : No data available

Density : 12.2 lb/USg (73 - 77 °F)

Bulk density : approx. 1.5 g/cm³

Solubility(ies)

 Water solubility : slightly soluble

 Solubility in other solvents : No data available

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 : Not applicable

 Viscosity, kinematic : Not applicable

Explosive properties : Not explosive

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

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.

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.

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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.

IARC Group 2B: Possibly carcinogenic to humans
Carbon black

1333-86-4

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.

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 : 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 distearate:**Partition coefficient: n-octanol/water : log Pow: 0.8
Method: OECD Test Guideline 107**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.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**Waste from residues : Dispose of in accordance with national, state and local regulations.
Do not contaminate ponds, waterways or ditches with chemical or used container.
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**

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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**TDG**

Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION**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

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

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CA ON OEL / TWA	:	Time-Weighted Average Limit (TWA)
CA QC OEL / TWAEV	:	Time-weighted average exposure value
CA QC OEL / STEV	:	Short-term exposure value
NIOSH / REL value	:	Recommended exposure limit (REL):

AIIC - Australian Inventory of Industrial Chemicals; 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 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; 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; WHMIS - Workplace Hazardous Materials Information System

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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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