

**MasterSeal TC 235**

Version            Revision Date:            SDS Number:            Date of last issue: -  
1.0                01/12/2021                000000742656            Date of first issue: 01/12/2021

---

**SECTION 1. IDENTIFICATION**

Product name                                : MasterSeal TC 235  
Product code                                 : 000000000050504034 000000000050504034  
Other means of identification            : MSeal TC 235 gray

**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  
    : One-pack performance coating  
Restrictions on use                         : Reserved for industrial and professional use.

---

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

Flammable liquids                          : Category 3  
Acute toxicity (Inhalation)                : Category 4  
Serious eye damage/eye irritation        : Category 2A  
Skin corrosion/irritation                  : Category 2  
Respiratory sensitization                  : Category 1  
Skin sensitization                          : Category 1A  
Germ cell mutagenicity                    : Category 2  
Specific target organ toxicity              : Category 1 (Central nervous system)  
- repeated exposure  
Reproductive toxicity                      : Category 1B  
Hazardous to the aquatic environment - acute hazard                                : Category 3  
Hazardous to the aquatic environment - chronic hazard                                : Category 3

## MasterSeal TC 235

Version 1.0      Revision Date: 01/12/2021      SDS Number: 000000742656      Date of last issue: -  
Date of first issue: 01/12/2021

---

**GHS label elements**

Hazard pictograms



Signal Word

: Danger

Hazard Statements

: H226 Flammable liquid and vapour.  
H319 Causes serious eye irritation.  
H315 Causes skin irritation.  
H332 Harmful if inhaled.  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H317 May cause an allergic skin reaction.  
H341 Suspected of causing genetic defects.  
H372 Causes damage to organs (Central nervous system) 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:**  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P271 Use only outdoors or in a well-ventilated area.  
P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P201 Obtain special instructions before use.  
P273 Avoid release to the environment.  
P243 Take action to prevent static discharges.  
P284 In case of inadequate ventilation wear respiratory protection.  
P202 Do not handle until all safety precautions have been read and understood.  
P241 Use explosion-proof electrical/ ventilating/ lighting equipment.  
P270 Do not eat, drink or smoke when using this product.  
P264 Wash face, hands and any exposed skin thoroughly after handling.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P233 Keep container tightly closed.  
P242 Use only non-sparking tools.  
P240 Ground and bond container and receiving equipment.

**Response:**  
P308 + P311 IF exposed or concerned: Call a POISON CENTER/ doctor.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

## MasterSeal TC 235

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	01/12/2021	000000742656	Date of first issue: 01/12/2021

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P314 Get medical advice/ attention if you feel unwell.  
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
P332 + P313 If skin irritation occurs: Get medical advice/ attention.  
P362 + P364 Take off contaminated clothing and wash it before reuse.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.  
P370 + P378 In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.

**Storage:**

P405 Store locked up.  
P403 + P235 Store in a well-ventilated place. Keep cool.

**Disposal:**

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

**Other hazards**

None known.

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

Chemical nature : polyurethane

**Components**

Chemical name	CAS-No.	Concentration (% w/w)
4,4'-methylenedicyclohexyl diisonocyanate	5124-30-1	>= 10 - <= 15
4-Chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene	98-56-6	>= 5 - < 15
talc	14807-96-6	>= 5 - <= 15
Stoddard solvent	8052-41-3	>= 7 - <= 10
Calcium sulphate	7778-18-9	>= 3 - <= 7
Titanium dioxide	13463-67-7	>= 1 - <= 3
bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate	41556-26-7	>= 0.3 - <= 1
dibutyltin dilaurate	77-58-7	>= 0.2 - <= 0.3
Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	82919-37-7	>= 0.1 - <= 0.2

**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 : Call a physician or poison control center immediately.  
If unconscious, place in recovery position and seek medical

## MasterSeal TC 235

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	01/12/2021	000000742656	Date of first issue: 01/12/2021

---

- advice.
- 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 : 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 : Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
Harmful if inhaled.  
May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
Suspected of causing genetic defects.  
May damage fertility or the unborn child.  
Causes damage to organs through prolonged or repeated exposure.
- Notes to physician : Treat symptomatically.

---

**SECTION 5. FIRE-FIGHTING MEASURES**

- Suitable extinguishing media : Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical
- 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.  
For safety reasons in case of fire, cans should be stored separately in closed containments.  
Use a water spray to cool fully closed containers.
- Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.

## MasterSeal TC 235

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	01/12/2021	000000742656	Date of first issue: 01/12/2021

---

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
Ensure adequate ventilation.  
Remove all sources of ignition.  
Evacuate personnel to safe areas.  
Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.
- 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 : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

**SECTION 7. HANDLING AND STORAGE**

- Advice on protection against fire and explosion : Product is not explosive.
- Do not spray on a naked flame or any incandescent material.  
Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).  
Keep away from open flames, hot surfaces and sources of ignition.
- Advice on safe handling : Avoid formation of aerosol.  
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.  
Take precautionary measures against static discharges.  
Provide sufficient air exchange and/or exhaust in work rooms.  
Open drum carefully as content may be under pressure.  
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 : no smoking  
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

## MasterSeal TC 235

Version 1.0      Revision Date: 01/12/2021      SDS Number: 000000742656      Date of last issue: -  
 Date of first issue: 01/12/2021

the technological safety standards.

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.

Materials to avoid : Observe TRGS 509/510 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
dibutyltin dilaurate	77-58-7	TWA value	0.1 mg/m <sup>3</sup> (tin (Sn))	ACGIHTLV
		STEL value	0.2 mg/m <sup>3</sup> (tin (Sn))	ACGIHTLV
		REL value	0.1 mg/m <sup>3</sup> (tin (Sn))	NIOSH
		PEL	0.1 mg/m <sup>3</sup> (tin (Sn))	29 CFR 1910.1000 (Table Z-1)
		TWA value	0.1 mg/m <sup>3</sup> (tin (Sn))	29 CFR 1910.1000 (Table Z-1-A)
		TWA	0.1 mg/m <sup>3</sup> (Tin)	CA AB OEL
		STEL	0.2 mg/m <sup>3</sup> (Tin)	CA AB OEL
		TWAEV	0.1 mg/m <sup>3</sup> (Tin)	CA QC OEL
		STEV	0.2 mg/m <sup>3</sup> (Tin)	CA QC OEL
		TWA	0.1 mg/m <sup>3</sup> (Tin)	CA BC OEL
		STEL	0.2 mg/m <sup>3</sup> (Tin)	CA BC OEL
		TWA	0.1 mg/m <sup>3</sup> (Tin)	CA ON OEL
		TWA	0.1 mg/m <sup>3</sup> (Tin)	ACGIH
STEL	0.2 mg/m <sup>3</sup> (Tin)	ACGIH		
4,4'-methylenedicyclohexyl diisoncyanate	5124-30-1	TWA value	0.005 ppm	ACGIHTLV
		Ceil_Time	0.01 ppm 0.11 mg/m <sup>3</sup>	NIOSH
		CLV	0.01 ppm	29 CFR

## MasterSeal TC 235

Version  
1.0Revision Date:  
01/12/2021SDS Number:  
000000742656Date of last issue: -  
Date of first issue: 01/12/2021

			0.11 mg/m3	1910.1000 (Table Z-1-A)
		TWA	0.005 ppm 0.05 mg/m3	CA AB OEL
		TWA	0.005 ppm	CA BC OEL
		C	0.01 ppm	CA BC OEL
		TWA	0.005 ppm	CA ON OEL
		C	0.02 ppm	CA ON OEL
		TWAEV	0.005 ppm 0.054 mg/m3	CA QC OEL
		TWA	0.005 ppm	ACGIH
Calcium sulphate	7778-18-9	TWA value (Inhalable fraction)	10 mg/m3	ACGIHTLV
		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 (Inhalable)	10 mg/m3	CA BC OEL
		TWAEV (respirable dust)	5 mg/m3	CA QC OEL
		TWAEV (total dust)	10 mg/m3	CA QC OEL
		TWA (Calcium)	10 mg/m3	CA AB OEL
		TWA (Inhalable particulate matter)	10 mg/m3 (Calcium)	ACGIH
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 (respir-	3 mg/m3	CA BC OEL

## MasterSeal TC 235

Version  
1.0Revision Date:  
01/12/2021SDS Number:  
000000742656Date of last issue: -  
Date of first issue: 01/12/2021

		able dust fraction)		
		TWAEV (total dust)	10 mg/m3	CA QC OEL
		TWA	10 mg/m3 (Titanium dioxide)	ACGIH
talc	14807-96-6	TWA value (Respirable fraction)	2 mg/m3	ACGIHTLV
		TWAEV (fibers)	1 fibres per cubic centimeter	CA QC OEL
		TWAEV (respirable dust)	3 mg/m3	CA QC OEL
		TWA	0.1 fibres per cubic centimeter	CA BC OEL
		TWA (Respirable particulates)	2 mg/m3	CA AB OEL
		TWA (Respirable)	2 mg/m3	CA BC OEL
		TWA	2 fibres per cubic centimeter	CA ON OEL
		TWA (Respirable fraction)	2 mg/m3	CA ON OEL
		TWA	0.1 fibres per cubic centimeter	ACGIH
		TWA (Respirable particulate matter)	2 mg/m3	ACGIH
Stoddard solvent	8052-41-3	TWA value	100 ppm	ACGIHTLV
		REL value	350 mg/m3	NIOSH
		Ceil_Time	1,800 mg/m3	NIOSH
		PEL	500 ppm 2,900 mg/m3	29 CFR 1910.1000 (Table Z-1)
		TWA value	100 ppm 525 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA	100 ppm 572 mg/m3	CA AB OEL
		TWA	290 mg/m3	CA BC OEL
		STEL	580 mg/m3	CA BC OEL
		TWAEV	100 ppm 525 mg/m3	CA QC OEL
		TWA	525 mg/m3	CA ON OEL
		TWA	100 ppm	ACGIH

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



## MasterSeal TC 235

Version 1.0      Revision Date: 01/12/2021      SDS Number: 000000742656      Date of last issue: -  
Date of first issue: 01/12/2021

---

**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 : Impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Protective measures : Do not inhale gases/vapours/aerosols.  
Avoid contact with the skin, eyes and clothing.  
Avoid exposure - obtain special instructions before use.  
Handle in accordance with good building materials hygiene and safety practice.  
Wearing of closed work clothing is recommended.
- Hygiene measures : When using do not eat or drink.  
When using do not smoke.  
Wash hands before breaks and at the end of workday.
- 

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

- Appearance : liquid
- Color : gray
- Odor : solvent
- Odor Threshold : not determined
- pH : No data available
- Melting point : No applicable information available.
- Freezing point : No applicable information available.
- Boiling point : No applicable information available.
- Flash point : approx. 55 °C
- Evaporation rate : No applicable information available.

## MasterSeal TC 235

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	01/12/2021	000000742656	Date of first issue: 01/12/2021

---

Flammability (solid, gas) : Flammable.

Upper explosion limit / Upper flammability limit : No applicable information available.

Lower explosion limit / Lower flammability limit : No applicable information available.

Vapor pressure : No data available

Relative vapor density : No applicable information available.

Relative density : No applicable information available.

Density : approx. 1.1600 g/cm<sup>3</sup> (20 °C)

Solubility(ies)  
Water solubility : No data available

Solubility in other solvents : No applicable information available.

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

Autoignition temperature : not determined

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

Oxidizing properties : Not an oxidizer.

Sublimation point : No applicable information available.

Molecular weight : No applicable information 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.  
Vapors may form explosive mixture with air.

Conditions to avoid : Heat, flames and sparks.

## MasterSeal TC 235

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	01/12/2021	000000742656	Date of first issue: 01/12/2021

---

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**

Harmful if inhaled.

**Product:**

Acute oral toxicity : Remarks: No applicable information available.

Acute inhalation toxicity : Remarks: No applicable information available.

Acute dermal toxicity : Remarks: No applicable information available.

**Skin corrosion/irritation**

Causes skin irritation.

**Product:**

Remarks : May cause skin irritation and/or dermatitis.

**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**

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**Product:**

Remarks : Causes sensitization.

**Germ cell mutagenicity**

Suspected of causing genetic defects.

**Carcinogenicity**

Not classified based on available information.

**Reproductive toxicity**

May damage fertility or the unborn child.

## MasterSeal TC 235

Version 1.0      Revision Date: 01/12/2021      SDS Number: 000000742656      Date of last issue: -  
Date of first issue: 01/12/2021

---

**STOT-single exposure**

Not classified based on available information.

**STOT-repeated exposure**

Causes damage to organs (Central nervous system) through prolonged or repeated exposure.

**Aspiration toxicity**

Not classified based on available information.

**Product:**

No aspiration hazard expected.

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

Remarks : Solvents may degrease the skin.

---

**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Components:****dibutyltin dilaurate:**

M-Factor (Acute aquatic toxicity) : 1

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

M-Factor (Acute aquatic toxicity) : 1

M-Factor (Chronic aquatic toxicity) : 1

**Persistence and degradability**

No data available

**Bioaccumulative potential****Components:****4-Chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene:**

Partition coefficient: n-octanol/water : log Pow: 3.6  
Method: other (calculated)  
Remarks: Information taken from reference works and the literature.

**Stoddard solvent:**

Partition coefficient: n-octanol/water : log Pow: 3.5 - 6.4 (20 °C)  
Method: Partition coefficient (n-octanol/water), HPLC method.

**dibutyltin dilaurate:**

## MasterSeal TC 235

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	01/12/2021	000000742656	Date of first issue: 01/12/2021

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

**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 : The product should not be allowed to enter drains, water courses or the soil.  
 Do not contaminate ponds, waterways or ditches with chemical or used container.  
 Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.  
 Dispose of as unused product.  
 Do not re-use empty containers.  
 Do not burn, or use a cutting torch on, the empty drum.

**SECTION 14. TRANSPORT INFORMATION****International Regulations****IATA-DGR**

UN/ID No. : UN 1263  
 Proper shipping name : PAINT  
 Class : 3  
 Packing group : III  
 Labels : Flammable Liquids  
 Packing instruction (cargo aircraft) : 366  
 Packing instruction (passenger aircraft) : 355

**IMDG-Code**

UN number : UN 1263  
 Proper shipping name : PAINT  
 Class : 3  
 Packing group : III

## MasterSeal TC 235

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	01/12/2021	000000742656	Date of first issue: 01/12/2021

---

Labels : 3  
 EmS Code : F-E, S-E  
 Marine pollutant : no

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

Not applicable for product as supplied.

**Domestic regulation****TDG**

UN number : UN 1263  
 Proper shipping name : PAINT

Class : 3  
 Packing group : III  
 Labels : 3  
 ERG Code : 128  
 Marine pollutant : no

**Special precautions for user**

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

**SECTION 15. REGULATORY INFORMATION****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.

DSL : This product contains the following components listed on the Canadian NDSL. All other components are on the Canadian DSL.

Fatty acids, C14-18 and C16-18-unsatd., maleated

**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.

## MasterSeal TC 235

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	01/12/2021	000000742656	Date of first issue: 01/12/2021

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) / CLV : Ceiling Limit Value:

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 BC OEL / C : ceiling limit

CA ON OEL / C : Ceiling Limit (C)

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 / Ceil\_Time : Ceiling Limit Value and Time Period (if specified):

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 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;

**MasterSeal TC 235**

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	01/12/2021	000000742656	Date of first issue: 01/12/2021

---

vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Revision Date : 01/12/2021

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

CA / EN