

MaxGrip Veneer Mortar

 Version
 Revision Date:
 SDS Number:
 Date of last issue: 07/30/2020

 1.1
 01/21/2022
 000000911922
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SECTION 1. IDENTIFICATION

Product name : MaxGrip Veneer Mortar

Product code : 00000000050643218 00000000050643218

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-

phone Number

USA: +1-800-255-3924 ChemTel contract no. MIS9240420

Recommended use of the chemical and restrictions on use

Recommended use : Product for construction chemicals

Restrictions on use : Reserved for industrial and professional use.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the Hazardous Products Regulations

Skin irritation : Category 2

Serious eye damage : Category 1

Carcinogenicity (Inhalation) : Category 1A

Specific target organ toxicity

- single exposure

Category 3 (Respiratory system)

Specific target organ toxicity

- repeated exposure (Inhala-

tion)

Category 1 (Lungs)

Specific target organ toxicity

- repeated exposure (Inhala-

tion)

: Category 2 (Kidney, Immune system)

GHS label elements

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Hazard pictograms







Signal Word : Danger

Hazard Statements : H318 Causes serious eye damage.

H315 Causes skin irritation.

H335 May cause respiratory irritation. H350 May cause cancer by inhalation.

H372 Causes damage to organs (Lungs) through prolonged or

repeated exposure if inhaled.

H373 May cause damage to organs (Kidney, Immune system)

through prolonged or repeated exposure if inhaled.

Precautionary Statements

Prevention:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P260 Do not breathe dust.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/ protective clothing/ eye protection/

face protection.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

P332 + P313 If skin irritation occurs: Get medical advice/ attention

P362 Take off contaminated clothing and wash before reuse.

Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

Disposal:

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

Other hazards

In combination with water, repeated or prolonged dermal exposure can cause moderate to severe alkali burns.



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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Chemical nature : modified cement mortar

Components

Chemical name	Common Name/Synonym	CAS-No.	Concentration (% w/w)
Cement, portland, chemicals	Cement, port- land, chemicals	65997-15-1	>= 25 - < 50
crystalline silica	Quartz (SiO2)	14808-60-7	>= 25 - < 50
Limestone	Calcium car- bonate	1317-65-3	>= 5 - < 10
Kaolin	Kaolin	1332-58-7	>= 1 - < 3
Iron oxide	Ferric oxide	1309-37-1	>= 0 - <= 7
Gypsum (Ca(SO4).2H2O)	Gypsum (Ca(SO4).2H2O)	13397-24-5	>= 0 - < 5
Calcium sulphate	Sulfuric acid, calcium salt (1:1)	7778-18-9	>= 0 - <= 5
magnesium oxide	Magnesium oxide (MgO)	1309-48-4	>= 0 - < 3
calcium oxide	Calcium oxide (CaO)	1305-78-8	>= 0 - < 3

SECTION 4. FIRST AID MEASURES

General advice : First aid personnel should pay attention to their own safety.

Remove contaminated clothing.

If inhaled : After inhalation of dust.

Keep patient calm, remove to fresh air.

If difficulties occur: Seek medical attention.

In case of skin contact : After contact with skin, wash immediately with plenty of water

and soap.

Under no circumstances should organic solvent be used.

If irritation develops, seek medical attention.

In case of eye contact : Hold eyes open and rinse slowly and gently with water for 15

to 20 minutes. Remove contact lenses, if present, after first 5

minutes, then continue rinsing.

If eye irritation persists, consult a specialist.

If swallowed : Immediately rinse mouth and then drink 200-300 ml of water,

seek medical attention.

Do not induce vomiting unless told to by a poison control cen-

ter or doctor.



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Most important symptoms and effects, both acute and

delayed

Causes serious eye damage.

Causes skin irritation.

May cause respiratory irritation. May cause cancer by inhalation.

Causes damage to organs through prolonged or repeated

exposure if inhaled.

Prolonged or repeated inhalation of respirable crystalline silica

(quartz) may result in silicosis.

Notes to physician : Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Foam

Water spray Dry powder

Carbon dioxide (CO2)

Product itself is non-combustible. Only the packaging materials can catch fire. The extinguishing agents normally used are

sufficient.

Unsuitable extinguishing

media

water jet

Hazardous combustion prod: :

ucts

harmful vapours carbon compounds

Further information : Product itself is non-combustible; fire extinguishing method of

surrounding areas must be considered.

The degree of risk is governed by the burning substance and

the fire conditions.

Dispose of fire debris and contaminated extinguishing water in

accordance with official regulations.

Special protective equipment:

for fire-fighters

Wear self-contained breathing apparatus and chemical-

protective clothing.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emer-

gency procedures

Do not inhale dusts.

Wear appropriate respiratory protection.

Wear eye/face protection.

Use personal protective clothing. Ensure adequate ventilation.

Environmental precautions : Do not discharge into drains/surface waters/groundwater.

Methods and materials for containment and cleaning up

Sweep up and shovel into suitable containers for disposal.

Avoid dust formation. Rinse with plenty of water.

Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE



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Advice on protection against

fire and explosion

No special precautions necessary.

Advice on safe handling : Avoid dust formation.

Do NOT breathe dust because it is hazardous to respiratory

system.

Avoid contact with skin and eyes.

The Cement contained in this product reacts alkaline when in contact with water or humidity. This may cause severe irritation of skin or mucous membranes. The humidity of the skin or mucous membranes is enough for this reaction. Prolonged direct contact to the dry product should be avoided therefore. Pour downwind and allow as little free fall as possible while

emptying bags into equipment. Wear suitable respiratory protection.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated

place.

Observe label precautions.

Electrical installations / working materials must comply with

the technological safety standards.

Further information on stor-

age conditions

Containers should be stored tightly sealed in a dry place.

Materials to avoid : Keep away from water.

Segregate from metals.

Segregate from acids and bases.

Segregate from oxidants.

Segregate from foods and animal feeds.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Cement, portland, chemicals	65997-15-1	TWA	10 mg/m3	CA AB OEL
		TWA (Res- pirable)	1 mg/m3	CA BC OEL
		TWAEV (respirable dust)	5 mg/m3	CA QC OEL
		TWAEV (to- tal dust)	10 mg/m3	CA QC OEL
		TWA (Respirable particulate matter)	1 mg/m3	ACGIH
crystalline silica	14808-60-7	TWA (Respirable particulates)	0.025 mg/m3	CA AB OEL
		TWA (Res-	0.1 mg/m3	CA ON OEL



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		pirable frac- tion)		
		TWAEV (respirable dust)	0.1 mg/m3	CA QC OEL
		TWA (Respirable)	0.025 mg/m3 (Silica)	CA BC OEL
		TWA (Respirable particulate matter)	0.025 mg/m3 (Silica)	ACGIH
calcium oxide	1305-78-8	TWA	2 mg/m3	CA AB OEL
		TWA	2 mg/m3	CA BC OEL
		TWAEV	2 mg/m3	CA QC OEL
		TWA	2 mg/m3	ACGIH
Iron oxide	1309-37-1	TWA (Respirable)	5 mg/m3	CA AB OEL
		TWA (Fumes)	5 mg/m3 (Iron)	CA BC OEL
		TWA (Dust)	5 mg/m3 (Iron)	CA BC OEL
		STEL (Fumes)	10 mg/m3 (Iron)	CA BC OEL
		TWAEV (fume and dust)	5 mg/m3 (Iron)	CA QC OEL
		TWA (Respirable particulate matter)	5 mg/m3	ACGIH
Limestone	1317-65-3	TWA	10 mg/m3	CA AB OEL
		TWAEV (to- tal 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
Kaolin	1332-58-7	TWA (Respirable)	2 mg/m3	CA AB OEL
		TWA (Respirable)	2 mg/m3	CA BC OEL
		TWAEV (respirable dust)	2 mg/m3	CA QC OEL
		TWA (Respirable particulate matter)	2 mg/m3	ACGIH
Calcium sulphate	7778-18-9	TWA (Inhal- able)	10 mg/m3	CA BC OEL
		TWA	10 mg/m3 (Calcium)	CA AB OEL



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		TWA (Inhalable particulate matter)	10 mg/m3 (Calcium)	ACGIH
Gypsum (Ca(SO4).2H2O)	13397-24-5	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
		STEL	20 mg/m3	CA BC OEL
		TWA (Inhal- able particu- late matter)	10 mg/m3 (Calcium)	ACGIH
magnesium oxide	1309-48-4	TWA (Fumes)	10 mg/m3	CA AB OEL
		TWA (Inhal- able fume)	10 mg/m3 (Magnesium)	CA BC OEL
		TWA (Respirable dust and fume)	3 mg/m3 (Magnesium)	CA BC OEL
		STEL (Respirable dust and fume)	10 mg/m3 (Magnesium)	CA BC OEL
		TWAEV (in- halable dust)	10 mg/m3	CA QC OEL
		TWA (Inhal- able particu- late matter)	10 mg/m3	ACGIH

Engineering measures : Provide local exhaust ventilation to maintain recommended

P.E.L.

Personal protective equipment

Respiratory protection : Wear appropriate certified respirator when exposure limits

may be exceeded.

Wear a NIOSH-certified (or equivalent) particulate respirator.

Hand protection

Remarks : Chemical resistant protective gloves. Manufacturer's direc-

tions for use should be observed because of great diversity of

types.

Eye protection : Tightly fitting safety goggles (chemical 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.

Avoid inhalation of dusts.

In order to prevent contamination while handling, closed working clothes and working gloves should be used. Handle in accordance with good building materials hygiene

and safety practice.



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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).

Remove contaminated clothing immediately and clean before

re-use or dispose it if necessary.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : powder

Color : gray

Odor : earthy

Odor Threshold : Not determined due to potential health hazard by inhalation.

pH : 13.0

Melting point : No data available

Freezing point Not applicable

Boiling point : Not applicable

Flash point : > 94 °C

Evaporation rate : Not applicable

Flammability (solid, gas) : Based on the structure or composition there is no indication of

flammability

Upper explosion limit / Upper

flammability limit

As a result of our experience with this product and our

knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance

with the intended use.

Lower explosion limit / Lower

flammability limit

: As a result of our experience with this product and our

knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance

with the intended use.

Vapor pressure : No data available

Relative vapor density : No data available



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Relative density : No data available

Bulk density : 12.0 kg/m3

Solubility(ies)

Water solubility : No data available

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 pre-

scribed/indicated.

Viscosity

Viscosity, dynamic : Not applicable

Viscosity, kinematic : Not applicable

Explosive properties : Not explosive

Oxidizing properties : Not an oxidizer.

Sublimation point : No data available

Molecular weight : Not applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No hazardous reactions if stored and handled as pre-

scribed/indicated.

Chemical stability : The product is stable if stored and handled as pre-

scribed/indicated.

Possibility of hazardous reac-

tions

Strong bases are formed on the addition of water.

The product is stable if stored and handled as pre-

scribed/indicated.

Conditions to avoid : Avoid dust formation.

Avoid humidity.

Incompatible materials : Strong bases

Strong acids

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

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitization

Skin sensitization

Not classified based on available information.

Respiratory sensitization

Not classified based on available information.

Product:

Remarks : Chromate in this product has been reduced. Sensitization due

to chromate within stated shelf-live is unlikely.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

May cause cancer by inhalation.

IARC Group 1: Carcinogenic to humans

crystalline silica 14808-60-7

(Silica dust, crystalline)

Reproductive toxicity

Not classified based on available information.

STOT-single exposure

May cause respiratory irritation.

STOT-repeated exposure

Causes damage to organs (Lungs) through prolonged or repeated exposure if inhaled. May cause damage to organs (Kidney, Immune system) through prolonged or repeated exposure if inhaled.

Aspiration toxicity

Not classified based on available information.

Experience with human exposure

Product:

Skin contact : Remarks: In combination with water, repeated or prolonged

dermal exposure can cause moderate to severe alkali burns.

Further information

Product:



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Remarks : Health injuries are not known or expected under normal use.

The product has not been tested. The statements on toxicology have been derived from the properties of the individual

components.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Ecotoxicology Assessment

Acute aquatic toxicity : This product has no known ecotoxicological effects.

Chronic aquatic toxicity : This product has no known ecotoxicological effects.

Persistence and degradability

Product:

Biodegradability : Remarks: Not applicable for inorganic substances.

Bioaccumulative potential

Product:

Bioaccumulation : Remarks: The product will not be readily bioavailable due to

its consistency and insolubility in water.

Mobility in soil

Product:

Distribution among environ-

mental compartments

Remarks: Following exposure to soil, adsorption to solid soil particles is probable, therefore contamination of groundwater

is not expected.

The substance will not evaporate into the atmosphere from

the water surface.

Other adverse effects

Product:

Additional ecological infor-

mation

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 local authority regulations.

Do not discharge into drains/surface waters/groundwater.



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Contaminated packaging : Completely emptied packagings can be given for recycling.

Packs that cannot be cleaned should be disposed of in the

same manner as the contents.

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

TDG

Not regulated as a dangerous good

Special precautions for user

Not applicable

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

ACGIH : USA. ACGIH Threshold Limit Values (TLV)

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 safe-

ty, Schedule 1, Part 1: Permissible exposure values for air-

borne contaminants

ACGIH / TWA : 8-hour, time-weighted average
CA AB OEL / TWA : 8-hour 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)



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CA QC OEL / TWAEV : Time-weighted average exposure value

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.

CA / EN