

Material Safety Data Sheet Cover-Sheet – This page provides additional New Zealand specific information for this product and must be read in conjunction with the Safety Data Sheet (SDS) attached

Product Name: Alginate Impression Material

Manufacturer: Henry Schein Inc

SDS Expiry: 28 January 2024

Supplier Details: Henry Schein New Zealand
23 William Pickering Drive, Albany
PO Box 101 140, North Shore, Auckland 0745
Ph. 0800 808 855
www.henryschein.co.nz

Emergency Contacts: Poisons/Hazardous Chemical Info Centre –
0800POISON/0800764766 (24 Hours)
Phone 111 for Fire, Ambulance or Police

HSNO Class/Category: 6

HSNO Group Standard: Dental Products Subsidiary Hazard Group Standard 2020
HSR002558

Statements/Pictograms: As per attached Safety Data Sheet (SDS)

Date Prepared: This coversheet was prepared – June 2022

This SDS coversheet has been produced by Henry Schein NZ and has been prepared in accordance with NZ EPA advice on making overseas SDS compliant to HSNO Act. The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith, no warranty is implied with respect to the quality or the specifications of the product. Users must satisfy that the product is entirely suitable for their purpose. The SDS and this coversheet may be revised from time to time, please ensure you have a current copy.

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: Alginate Impression Material

1.2. Intended Use of the Product

Dental impression product, for professional use only.

1.3. Name, Address, and Telephone of the Responsible Party

Distributed by:

Henry Schein Inc.

135 Duryea Road

Melville, NY 11747 USA

www.henryschein.com

1.4. Emergency Telephone Number

Emergency Number : 1-800-424-9300 (CHEMTREC)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-US/CA Classification

Acute Tox. 4 H332

(Inhalation:dust,mist)

Skin Irrit. 2 H315

Eye Irrit. 2 H319

Skin Sens. 1 H317

Carc. 1 H350

Full text of hazard classes and H-statements : see section 16

2.2. Label Elements

GHS-US/CA Labeling

Hazard Pictograms (GHS-US/CA) :



Signal Word (GHS-US/CA) :

Danger

Hazard Statements (GHS-US/CA) :

H315 - Causes skin irritation.
 H317 - May cause an allergic skin reaction.
 H319 - Causes serious eye irritation.
 H332 - Harmful if inhaled.
 H350 - May cause cancer.

Precautionary Statements (GHS-US/CA) :

P201 - Obtain special instructions before use.
 P202 - Do not handle until all safety precautions have been read and understood.
 P261 - Avoid breathing vapors, mist, or spray.
 P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
 P271 - Use only outdoors or in a well-ventilated area.
 P272 - Contaminated work clothing should not be allowed out of the workplace.
 P280 - Wear protective gloves, protective clothing, and eye protection.
 P302+P352 - IF ON SKIN: Wash with plenty of water.
 P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 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+P313 - If exposed or concerned: Get medical advice/attention.

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P312 - Call a POISON CENTER or doctor if you feel unwell.

P321 - Specific treatment (see section 4 on this SDS).

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P405 - Store locked up.

P501 - Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US/CA)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

Name	Synonyms	Product Identifier	% *	GHS Ingredient Classification
Silica, amorphous, diatomaceous earth	Silica, amorphous, diatomaceous earth / Diatomaceous earth / Kieselguhr, soda ash, flux calcined / Diatomaceous earth, natural / Silica, amorphous, silica fume, calcined diatomaceous earth / Flux calcined diatomaceous earth / Diatomaceous earth, soda ash flux-calcined / Diatomite / Flux-calcined diatomaceous earth / Silica, amorphous, soda ash flux-calcinated / Diatomaceous earth (amorphous) / Diatomaceous earth, ignited / Silica, amorphous and synthetic, diatomaceous earth, calcined	(CAS-No.) 68855-54-9	68 - 69	Acute Tox. 4 (Inhalation:dust,mist), H332
Alginic acid, potassium salt	Alginate, potassium / Potassium alginate / Alginic acid, potassium salts / Potassium salts of alginic acid / Potassium Alginate / POTASSIUM ALGINATE	(CAS-No.) 9005-36-1	14	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
Calcium sulfate dihydrate	Calcium sulfate, dihydrate / Sulfuric acid, calcium salt, dihydrate / Sulphuric acid, calcium salt (1:1), dihydrate / Sulfuric acid, calcium salt (1:1), dihydrate / Sulfuric acid, calcium salt, hydrate (1:1:2) / Pigment White 25 / C.I. 77231 / CALCIUM SULFATE HYDRATE	(CAS-No.) 10101-41-4	8	Not classified
Magnesium oxide (MgO)	Calcined magnesite / Magnesium oxide / MAGNESIUM OXIDE / Magnesia	(CAS-No.) 1309-48-4	6.5	Not classified
Polypropylene glycol	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-hydro-.omega.-hydroxy- / Polypropylene glycols / Propane-1,2-diol,	(CAS-No.) 25322-69-4	3	Not classified

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	propoxylated / PPG-12 / PPG-69 / .alpha.-Hydro-.omega.-hydroxypoly(oxy(methyl-1,2-ethanediyl)) / Polyoxypropylene glycol / Laprol 702 / PPG-17 / .alpha.-Hydro-.omega.-hydroxypoly(oxypropylene) / Laprol-10002-2-80 / Laprol 202 / PPG-13 / PPG-15 / PPG-20 / PPG-26 / PPG-3 / PPG-30 / PPG-33 / PPG-34 / PPG-51 / PPG-52 / PPG-7 / PPG-9 / PPG-16			
Diphosphoric acid, tetrasodium salt, decahydrate	Tetrasodium pyrophosphate decahydrate / Tetrasodium pyrophosphate, decahydrate / Diphosphoric acid, sodium salt, hydrate (1:4:10) / Tetrasodium diphosphate / Sodium pyrophosphate decahydrate	(CAS-No.) 13472-36-1	1.1 - 1.6	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
Titanate(2-), hexafluoro-, dipotassium, (OC-6-11)-	Dipotassium hexafluorotitanate / Dipotassium titanium hexafluoride / Titanate(2-), hexafluoro-, dipotassium, OC-6-11- / Titanate(2-), hexafluoro-, potassium (1:2), (OC-6-11)- / Titanate(2-), hexafluoro-, dipotassium,(OC-6-11)- / Potassium hexafluorotitanate(IV)	(CAS-No.) 16919-27-0	1	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Skin Sens. 1, H317
Silica, cristobalite	Cristobalite / Cristobalite (SiO2) / Silica, crystalline - cristobalite / Silica, crystalline, cristobalite / Silica-crystalline, cristobalite / Cristobalite (Silica) / Silica, crystalline cristobalite / Silica - crystalline, cristobalite / Silica crystalline, cristobalite / Silica-crystalline cristobalite / Silica, crystalline-cristobalite / Silica (crystalline, cristobalite) / Silica crystalline cristobalite / Crystalline SiO2, cristobalite / Crystalline silica in the form of cristobalite / Silica	(CAS-No.) 14464-46-1	< 0.69	Carc. 1A, H350 STOT RE 1, H372
Iron oxide yellow	Transparent iron oxide yellow / Ci 77492 / Iron hydroxide oxide yellow / Iron oxide (yellow) / C.I. Pigment Yellow 42 / C.I. 77492 / Pigment Yellow 42 / Iron oxide, Yellow / Yellow iron oxide pigment / Iron oxide Yellow / Iron(III) oxide-hydroxide / C.I. Color Yellow 42	(CAS-No.) 51274-00-1	0.5	Not classified
C.I. Pigment Black 11	C.I. 77499 / Ci 77499 / Iron oxide black / Pigment Black 11 / Iron oxide Black	(CAS-No.) 12227-89-3	0.25	Not classified
Carvone	(S)-Carvone / (+)-Carvone / d-Carvone / D(+)-Carvone / (S)-(+)-Carvone / Carvone, (+)- / Carvone, (S)-(+)- / 2-Cyclohexen-1-one, 2-methyl-	(CAS-No.) 2244-16-8	0.0075 - 0.015	Skin Sens. 1, H317

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	5-(1-methylethenyl)-, (S)- / (S)-d-p-Mentha-6,8,(9)-dien-2-one / d-p-Mentha-6,8,(9)-dien-2-one / (S)-(+)-p-Mentha-6,8-dien-2-one / p-Mentha-6,8-dien-2-one, (S)-(+)- / (S)-2-Methyl-5-(1-methylvinyl)cyclohex-2-en-1-one / Carvone (d) / 2-Cyclohexen-1-one, 2-methyl-5-(1-methylethenyl)-, (5S)- / L 91105D (carvone) / L 91105D / D-Carvone / CARVONE / p-Mentha-6,8-dien-2-one / (5S)-2-Methyl-5-(1-methylethenyl)-2-cyclohexen-1-one			
Eugenol	4-Allyl-1-hydroxy-2-methoxybenzene / 4-Allyl-2-methoxyphenol / 4-Allylcatechol-2-methyl ether / Eugenic acid / p-Eugenol / 1,3,4-Eugenol / 1-Hydroxy-2-methoxy-4-allylbenzene / 1-Hydroxy-2-methoxy-4-prop-2-enylbenzene / 4-Hydroxy-3-methoxyallylbenzene / 2-Methoxy-1-hydroxy-4-allylbenzene / 2-Methoxy-4-(2-propenyl)phenol / 2-Methoxy-4-allylphenol / 2-Methoxy-4-prop-2-enylphenol / Phenol, 2-methoxy-4-(2-propenyl)- / Phenol, 4-allyl-2-methoxy- / Synthetic eugenol / Phenol, 2-methoxy-4-(2-propen-1-yl)- / Etheric oil / EUGENOL / 1-Hydroxy-2-methoxy-4-propenylbenzene	(CAS-No.) 97-53-0	0.0025 - 0.0075	Acute Tox. 4 (Oral), H302 Eye Irrit. 2A, H319 Skin Sens. 1B, H317 Aquatic Acute 3, H402
Dipentene	Cyclohexene, 1-methyl-4-(1-methylethenyl)- / Limonene / dl-Limonene / .alpha.-Limonene / p-Mentha-1,8-diene / 1-Methyl-4-isopropenyl-1-cyclohexene / p-Mentha-1,8(9)-diene / Cajaputene / Cajeputene / dl-Limonene (racemic) / DL-Limonene (racemic) / DIPENTENE / Dipentene, mixture of d- and l- limonene / Acintene DP dipentene / DL-Limonene / LIMONENE / 4-Isopropenyl-1-methylcyclohex-1-ene	(CAS-No.) 138-86-3	0.0025 - 0.0075	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
D-Limonene	Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)- / Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (R)- / (R)-p-Mentha-1,8-diene / p-Mentha-1,8-diene, (R)-(+)- / Cyclohexene, 1-methyl-4-(1-methylethenyl)-(R)- / Limonene, D- / Menthadiene, 1,8(9)-p- / d-Limonene / Limonene, d- / (4R)-1-Methyl-4-(1-	(CAS-No.) 5989-27-5	0.0025 - 0.0075	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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	methylethenyl)cyclohexene / (4R)-p-Mentha-1,8-diene / 1-Methyl-4-prop-1-en-2-yl-cyclohexene / (d)-Limonene / (R)-1-Methyl-4-(1-methylethenyl)cyclohexene / d-LIMONENE / (R)-1-Methyl-4-(1-methylethenyl)cyclohex-1-ene / (R)-p-Mentha-1,8-diene; Dipentene; Limonene; d-Limonene / (R)-p-Mentha-1,8-diene, Dipentene, Limonene, d-Limonene / (R)-4-Isopropenyl-1-methylcyclohex-1-ene			
L-Limonene	Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4S)- / Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (S)- / Limonene, (S)-(-) / (S)-p-Mentha-1,8-diene / (S)-(-)-Limonene / l-Limonene (S)-p-Mentha-1,8-diene / l-Limonene / Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (S)- / (S)-p-Mentha-1,8-diene; Dipentene; Limonene; l-Limonene / (4S)-1-Methyl-4-(1-methylethenyl)cyclohexene	(CAS-No.) 5989-54-8	0.0025 - 0.0075	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Cyclohexanol, 5-methyl-2-(1-methylethyl)-, (1.alpha.,2.beta.,5.alpha.)-	Cyclohexanol, 5-methyl-2-(1-methylethyl)-, (1R,2S,5R)-rel- / p-Menthan-3-ol / Menthol / Menthol, cis-1,3,trans-1,4- / Menthomenthol / 5-Methyl-2-(1-methylethyl)cyclohexanol / Peppermint camphor / Tra-kill tracheal mite killer / DL-Menthol / Racementhol / dl-Menthol / MENTHOL / 3-p-Menthanol / (.+.)-Menthol / Menthol, racemic / Isopropyl-5-methylcyclohexanol, 2-	(CAS-No.) 89-78-1	0.0025 - 0.0075	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Aquatic Acute 3, H402
(-)-Carvone	l-Carvone / 2-Cyclohexen-1-one, 2-methyl-5-(1-methylethenyl)-, (R)- / L-p-Mentha-1(6),8-dien-2-one / p-Mentha-6,8-dien-2-one, (R)-(-) / 2-Cyclohexen-1-one, 2-methyl-5-(1-methylethenyl)-, (5R)- / (R)-Carvone / L-Carvone / CARVONE / l-p-Mentha-1(6),8-dien-2-one / laevo-Carvone / p-Mentha-6,8-dien-2-one / 2-Methyl-5-(1-methylethenyl)cyclohex-2-en-1-one / Carvone laevo / (5R)-2-Methyl-5-(1-methylethenyl)-2-cyclohexen-1-one	(CAS-No.) 6485-40-1	0.00125 - 0.0025	Skin Sens. 1B, H317 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Cyclohexanone, 5-methyl-2-(1-methylethyl)-, trans-	Cyclohexanone, 5-methyl-2-(1-methylethyl)-, (2R,5S)-rel- / p-Menthan-3-one, trans- / p-Menthone / Menthone / trans-Menthone / trans-p-Menthan-3-one / (2R,5S)-rel-5-Methyl-2-(1-methylethyl)cyclohexanone	(CAS-No.) 89-80-5	0.00125 - 0.0025	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Aquatic Chronic 3, H412

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Bicyclo[7.2.0]undec-4-ene, 4,11,11-trimethyl-8-methylene-, [1R-(1R*,4E,9S*)]-	Bicyclo(7.2.0)undec-4-ene, 8-methylene-4,11,11-trimethyl-, (E)-(1R,9S)-(-) / Caryophyllene / 8-Methylene-4,11,11-(trimethyl)bicyclo(7.2.0)undec-4-ene / Bicyclo[7.2.0]undec-4-ene, 4,11,11-trimethyl-8-methylene-, [1R-(1R*,4E,9S*)]- / Bicyclo[7.2.0]undec-4-ene, 4,11,11-trimethyl-8-methylene-, [1R-(1R,4E,9)]- / .beta.-Caryophyllene / Bicyclo[7.2.0]undec-4-ene, 4,11,11-trimethyl-8-methylene-, (1R,4E,9S)- / Bicyclo[7.2.0]undec-4-ene, 4,11,11-trimethyl-8-methylene-, [1R (1R,4E,9S)]- / 4,11,11-Trimethyl-8-methylenebicyclo(7.2.0)undec-4(trans)-ene / Bicyclo[7.2.0]undec-4-ene, 4,11,11-trimethyl-8-methylene-, [1R-(1R,4E,9S)]- / Bicyclo[7.2.0]undec-4-ene, 4,11,11-trimethyl-8-methylene-,[1R-(1R*,4E,9S*)]-	(CAS-No.) 87-44-5	0.00025 - 0.00125	Skin Sens. 1B, H317 Asp. Tox. 1, H304
.alpha.-Terpineol	3-Cyclohexene-1-methanol, .alpha.,.alpha.,4-trimethyl- / p-Menth-1-en-8-ol / p-Menth-1-en-8-ol, (+)- / Cyclohex-3-ene-1-hydroxymethyl, .alpha.,.alpha.,4-trimethyl-	(CAS-No.) 98-55-5	0.00025 - 0.00125	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Aquatic Acute 3, H402
Terpineol	TERPINEOL	(CAS-No.) 8000-41-7	0.00025 - 0.00125	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Phenol, 2-methoxy-4-(2-propenyl)-, acetate	Acetate, 2-methoxy-4-(2-propenyl)-, phenyl / 1-Acetoxy-2-methoxy-4-allylbenzene / Acetyleneugenol / 4-Allyl-2-methoxyphenol acetate / 4-Allyl-2-methoxyphenyl acetate / Eugenol acetate / 1,3,4-Eugenol acetate / Eugenyl acetate / Phenol, 4-allyl-2-methoxy-, acetate / Phenol, 2-methoxy-4-(2-propen-1-yl)-, 1-acetate / Phenol, 2-methoxy-4-(2-propenyl)-, 1-acetate / Acetyl eugenol / 2-Methoxy-4-(2-propenyl)phenyl acetate	(CAS-No.) 93-28-7	0.00025 - 0.00125	Acute Tox. 4 (Oral), H302
1,8-Cineol	Bicyclo[2.2.2]octane, 1,3,3-trimethyl-2-oxa- / 1,8-Cineole / Cineole / Eucalyptol / p-Menthane, 1,8-epoxy- / 2-Oxabicyclo[2.2.2]octane, 1,3,3-trimethyl- / EUCALYPTOL / 1,3,3-Trimethyl-2-oxabicyclo[2.2.2]octane / 1,8-Epoxy-p-menthane	(CAS-No.) 470-82-6	0.00025 - 0.00125	Flam. Liq. 3, H226 Skin Sens. 1B, H317 Aquatic Acute 3, H402 Aquatic Chronic 3, H412

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.alpha.-Pinene	Bicyclo(3.1.1)hept-2-ene, 2,6,6-trimethyl- / Pin-2(3)-ene / 2-Pinene / Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl- / 2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene / 2,6,6-Trimethylbicyclo(3.1.1)hept-2-ene / 2,6,6-Trimethylbicyclo(3.1.1)hept-2-ene / (+-)-.alpha.-Pinene	(CAS-No.) 80-56-8	0.000025 - 0.00025	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Benzene, 1-methoxy-4-(2-propenyl)-	4-Allyl-1-methoxybenzene / p-Allylanisole / 4-Allylanisole / p-Allylmethoxybenzene / Anisole, p-allyl- / Estragole / Isoanethole / 1-Methoxy-4-(2-propenyl)benzene / p-Methoxyallylbenzene / 1-Allyl-4-methoxybenzene / Benzene, 1-methoxy-4-(2-propen-1-yl)-	(CAS-No.) 140-67-0	0.000025 - 0.00025	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317 Muta. 2, H341 Carc. 2, H351

Full text of H-phrases: see section 16

*Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).

SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention.

Skin Contact: Remove contaminated clothing. Immediately drench affected area with water for at least 15 minutes. Obtain medical attention if irritation/rash develops or persists. If exposed or concerned: Get medical advice/attention.

Eye Contact: Immediately rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

General: Harmful if inhaled. Causes skin irritation. Causes serious eye irritation. Skin sensitization. May cause cancer.

Inhalation: Inhalation is likely to cause adverse health effects including but not limited to: irritation, difficulty breathing, and unconsciousness. Accelerated Silicosis can occur with exposure to high concentrations of respirable crystalline silica over a relatively short period; lung lesions can appear within five years of the initial exposure. The progression can be rapid. Accelerated silicosis is similar to chronic or ordinary silicosis, except that lung lesions appear earlier and the progression is more rapid.

Acute Silicosis can occur with exposures to very high concentrations of respirable crystalline silica over a very short time period, sometimes as short as a few months. The symptoms of acute silicosis include progressive shortness of breath, fever, cough and weight loss. Acute silicosis can be fatal.

Skin Contact: May cause an allergic skin reaction. Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Eye Contact: Contact causes severe irritation with redness and swelling of the conjunctiva.

Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: May cause cancer. Long term exposure to respirable crystalline silica results in a significant risk of developing silicosis and other non-malignant respiratory disease, lung cancer, kidney effects, and immune system effects. Pre-existing lung diseases such as emphysema or asthma may be aggravated by exposure to dusts. Pulmonary function may be reduced by inhalation of respirable crystalline silica. Also lung scarring produced by such inhalation may lead to a progressive massive fibrosis of the lung which may aggravate other pulmonary conditions and diseases and which increases susceptibility to pulmonary tuberculosis. Progressive massive fibrosis may be accompanied by right heart enlargement, heart failure, and pulmonary failure. Smoking aggravates the effects of exposure.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

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SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, fog, carbon dioxide (CO₂), alcohol-resistant foam, or dry chemical.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Not available

Reference to Other Sections

Refer to Section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not breathe dust. Do not get in eyes, on skin, or on clothing. Do not handle until all safety precautions have been read and understood.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions. Ventilate area.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Recover the product by vacuuming, shoveling or sweeping. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Precautions for Safe Handling: Do not breathe dust. Avoid contact with skin, eyes and clothing. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well-ventilated area. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store locked up/in a secure area.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(s)

Dental impression product, for professional use only.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

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For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), or Canadian provincial governments.

Silica, amorphous, diatomaceous earth (68855-54-9)		
Yukon	OEL TWA (mg/m ³)	300 particle/mL (as measured by Konimeter instrumentation) 20 mppcf (as measured by Impinger instrumentation) 1.5 mg/m ³ (respirable mass)
Calcium sulfate dihydrate (10101-41-4)		
USA ACGIH	ACGIH TWA (mg/m ³)	10 mg/m ³ (inhalable particulate matter)
Manitoba	OEL TWA (mg/m ³)	10 mg/m ³ (inhalable particulate matter)
Newfoundland & Labrador	OEL TWA (mg/m ³)	10 mg/m ³ (inhalable particulate matter)
Nova Scotia	OEL TWA (mg/m ³)	10 mg/m ³ (inhalable particulate matter)
Ontario	OEL TWA (mg/m ³)	10 mg/m ³ (inhalable)
Prince Edward Island	OEL TWA (mg/m ³)	10 mg/m ³ (inhalable particulate matter)
Magnesium oxide (MgO) (1309-48-4)		
USA ACGIH	ACGIH TWA (mg/m ³)	10 mg/m ³ (inhalable particulate matter)
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA OSHA	OSHA PEL (TWA) (mg/m ³)	15 mg/m ³ (fume, total particulate)
USA IDLH	US IDLH (mg/m ³)	750 mg/m ³ (fume)
Alberta	OEL TWA (mg/m ³)	10 mg/m ³ (fume)
British Columbia	OEL STEL (mg/m ³)	10 mg/m ³ (respirable dust and fume)
British Columbia	OEL TWA (mg/m ³)	10 mg/m ³ (fume, inhalable) 3 mg/m ³ (respirable dust and fume)
Manitoba	OEL TWA (mg/m ³)	10 mg/m ³ (inhalable particulate matter)
New Brunswick	OEL TWA (mg/m ³)	10 mg/m ³ (fume)
Newfoundland & Labrador	OEL TWA (mg/m ³)	10 mg/m ³ (inhalable particulate matter)
Nova Scotia	OEL TWA (mg/m ³)	10 mg/m ³ (inhalable particulate matter)
Nunavut	OEL STEL (mg/m ³)	20 mg/m ³ (inhalable fraction)
Nunavut	OEL TWA (mg/m ³)	10 mg/m ³ (inhalable fraction)
Northwest Territories	OEL STEL (mg/m ³)	20 mg/m ³ (inhalable fraction)
Northwest Territories	OEL TWA (mg/m ³)	10 mg/m ³ (inhalable fraction)
Ontario	OEL TWA (mg/m ³)	10 mg/m ³ (inhalable)
Prince Edward Island	OEL TWA (mg/m ³)	10 mg/m ³ (inhalable particulate matter)
Québec	VEMP (mg/m ³)	10 mg/m ³ (fume)
Saskatchewan	OEL STEL (mg/m ³)	20 mg/m ³ (inhalable fraction)
Saskatchewan	OEL TWA (mg/m ³)	10 mg/m ³ (inhalable fraction)
Yukon	OEL STEL (mg/m ³)	10 mg/m ³ (fume)
Yukon	OEL TWA (mg/m ³)	10 mg/m ³ (fume)
Polypropylene glycol (25322-69-4)		
USA AIHA	WEEL TWA (mg/m ³)	10 mg/m ³ (aerosol)
D-Limonene (5989-27-5)		
USA AIHA	WEEL TWA (ppm)	30 ppm
Cyclohexanol, 5-methyl-2-(1-methylethyl)-, (1.alpha.,2.beta.,5.alpha.)- (89-78-1)		
USA AIHA	WEEL TWA (ppm)	1 ppm
USA AIHA	WEEL STEL (ppm)	3 ppm (15-min. STEL)
.alpha.-Pinene (80-56-8)		
USA ACGIH	ACGIH TWA (ppm)	20 ppm
USA ACGIH	ACGIH chemical category	dermal sensitizer, Not Classifiable as a Human Carcinogen
Alberta	OEL TWA (mg/m ³)	111 mg/m ³
Alberta	OEL TWA (ppm)	20 ppm

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British Columbia	OEL TWA (ppm)	20 ppm
Manitoba	OEL TWA (ppm)	20 ppm
Newfoundland & Labrador	OEL TWA (ppm)	20 ppm
Nova Scotia	OEL TWA (ppm)	20 ppm
Nunavut	OEL STEL (ppm)	30 ppm
Nunavut	OEL TWA (ppm)	20 ppm
Northwest Territories	OEL STEL (ppm)	30 ppm
Northwest Territories	OEL TWA (ppm)	20 ppm
Ontario	OEL TWA (ppm)	20 ppm
Prince Edward Island	OEL TWA (ppm)	20 ppm
Québec	VEMP (mg/m ³)	112 mg/m ³
Québec	VEMP (ppm)	20 ppm
Saskatchewan	OEL STEL (ppm)	30 ppm
Saskatchewan	OEL TWA (ppm)	20 ppm

Silica, cristobalite (14464-46-1)		
USA ACGIH	ACGIH TWA (mg/m ³)	0.025 mg/m ³ (respirable particulate matter)
USA ACGIH	ACGIH chemical category	Suspected Human Carcinogen
USA OSHA	OSHA PEL (TWA) (mg/m ³)	50 µg/m ³
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	0.05 mg/m ³ (respirable dust)
USA IDLH	US IDLH (mg/m ³)	25 mg/m ³ (respirable dust)
Alberta	OEL TWA (mg/m ³)	0.025 mg/m ³ (respirable particulate)
British Columbia	OEL TWA (mg/m ³)	0.025 mg/m ³ (respirable)
Manitoba	OEL TWA (mg/m ³)	0.025 mg/m ³ (respirable particulate matter)
New Brunswick	OEL TWA (mg/m ³)	0.05 mg/m ³ (respirable fraction)
Newfoundland & Labrador	OEL TWA (mg/m ³)	0.025 mg/m ³ (respirable particulate matter)
Nova Scotia	OEL TWA (mg/m ³)	0.025 mg/m ³ (respirable particulate matter)
Nunavut	OEL TWA (mg/m ³)	0.05 mg/m ³ (respirable fraction)
Northwest Territories	OEL TWA (mg/m ³)	0.05 mg/m ³ (respirable fraction)
Ontario	OEL TWA (mg/m ³)	0.05 mg/m ³ (designated substances regulation-respirable)
Prince Edward Island	OEL TWA (mg/m ³)	0.025 mg/m ³ (respirable particulate matter)
Québec	VEMP (mg/m ³)	0.05 mg/m ³ (respirable dust)
Saskatchewan	OEL TWA (mg/m ³)	0.05 mg/m ³ (respirable fraction)
Yukon	OEL TWA (mg/m ³)	150 particle/mL

Silica, crystalline (general form)		
USA OSHA	OSHA PEL (TWA) (mg/m ³)	50 µg/m ³ (excludes construction work, agricultural operations, and exposures that result from the processing of sorptive clays)

8.2. Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Gas detectors should be used when toxic gases may be released. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear protective gloves.

Eye and Face Protection: Chemical safety goggles.

Skin and Body Protection: Wear suitable protective clothing.

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Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	: Solid
Appearance	: White powder
Odor	: Not available
Odor Threshold	: Not available
pH	: Not tested
Evaporation Rate	: Not available
Melting Point	: Not available
Freezing Point	: Not available
Boiling Point	: Not available
Flash Point	: Not tested
Auto-ignition Temperature	: Not available
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: Not available
Relative Vapor Density at 20°C	: Not available
Relative Density	: Not available
Specific Gravity	: Not available
Solubility	: Not available
Partition Coefficient: N-Octanol/Water	: Not available
Viscosity	: Not available

SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:** Hazardous reactions will not occur under normal conditions.
- 10.2. Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).
- 10.3. Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.4. Conditions to Avoid:** Direct sunlight, extremely high or low temperatures, and incompatible materials.
- 10.5. Incompatible Materials:** Strong acids, strong bases, strong oxidizers.
- 10.6. Hazardous Decomposition Products:** Potassium oxides. Carbon oxides (CO, CO₂). Sulfur oxides. Alcohols. Ketones. Residual polymer fragments. Hydrogen fluoride. Oxides of titanium.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects - Product

Acute Toxicity (Oral): Not classified

Acute Toxicity (Dermal): Not classified

Acute Toxicity (Inhalation): Inhalation:dust,mist: Harmful if inhaled.

LD50 and LC50 Data:

Alginate Impression Material	
ATE US/CA (dust, mist)	2.17 mg/l/4h

Skin Corrosion/Irritation: Causes skin irritation.

pH: Not tested

Eye Damage/Irritation: Causes serious eye irritation.

pH: Not tested

Respiratory or Skin Sensitization: May cause an allergic skin reaction.

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Germ Cell Mutagenicity: Not classified

Carcinogenicity: May cause cancer.

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Inhalation is likely to cause adverse health effects including but not limited to: irritation, difficulty breathing, and unconsciousness. Accelerated Silicosis can occur with exposure to high concentrations of respirable crystalline silica over a relatively short period; lung lesions can appear within five years of the initial exposure. The progression can be rapid. Accelerated silicosis is similar to chronic or ordinary silicosis, except that lung lesions appear earlier and the progression is more rapid.

Acute Silicosis can occur with exposures to very high concentrations of respirable crystalline silica over a very short time period, sometimes as short as a few months. The symptoms of acute silicosis include progressive shortness of breath, fever, cough and weight loss. Acute silicosis can be fatal.

Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction. Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Symptoms/Injuries After Eye Contact: Contact causes severe irritation with redness and swelling of the conjunctiva.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: May cause cancer. Long term exposure to respirable crystalline silica results in a significant risk of developing silicosis and other non-malignant respiratory disease, lung cancer, kidney effects, and immune system effects. Pre-existing lung diseases such as emphysema or asthma may be aggravated by exposure to dusts. Pulmonary function may be reduced by inhalation of respirable crystalline silica. Also lung scarring produced by such inhalation may lead to a progressive massive fibrosis of the lung which may aggravate other pulmonary conditions and diseases and which increases susceptibility to pulmonary tuberculosis. Progressive massive fibrosis may be accompanied by right heart enlargement, heart failure, and pulmonary failure. Smoking aggravates the effects of exposure.

11.2. Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Silica, amorphous, diatomaceous earth (68855-54-9)	
LD50 Oral Rat	> 2000 mg/kg
LC50 Inhalation Rat	> 2.6 mg/l/4h
ATE US/CA (dust, mist)	1.50 mg/l/4h
Magnesium oxide (MgO) (1309-48-4)	
LD50 Oral Rat	3870 mg/kg
Polypropylene glycol (25322-69-4)	
LD50 Oral Rat	3750 mg/kg
Titanate(2-), hexafluoro-, dipotassium, (OC-6-11)- (16919-27-0)	
LD50 Oral Rat	324 mg/kg (Species: Sprague-Dawley)
Carvone (2244-16-8)	
LD50 Oral Rat	3710 µl/kg
Eugenol (97-53-0)	
LD50 Oral Rat	1930 mg/kg
D-Limonene (5989-27-5)	
LD50 Oral Rat	4400 mg/kg
LD50 Dermal Rabbit	> 5 g/kg
Dipentene (138-86-3)	
LD50 Oral Rat	5300 mg/kg
Cyclohexanol, 5-methyl-2-(1-methylethyl)-, (1.alpha.,2.beta.,5.alpha.)- (89-78-1)	
LD50 Oral Rat	3180 mg/kg
.alpha.-Pinene (80-56-8)	
LD50 Oral Rat	> 500 mg/kg
LD50 Dermal Rat	> 5000 mg/kg

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.alpha.-Terpineol (98-55-5)	
LD50 Oral Rat	5170 mg/kg
Terpineol (8000-41-7)	
LD50 Oral Rat	2900 mg/kg
LD50 Dermal Rabbit	> 3000 mg/kg
(-)-Carvone (6485-40-1)	
LD50 Oral Rat	5400 mg/kg body weight
Cyclohexanone, 5-methyl-2-(1-methylethyl)-, trans- (89-80-5)	
LD50 Oral Rat	500 mg/kg
1,8-Cineol (470-82-6)	
LD50 Oral Rat	2480 mg/kg
Phenol, 2-methoxy-4-(2-propenyl)-, acetate (93-28-7)	
LD50 Oral Rat	1670 mg/kg
Benzene, 1-methoxy-4-(2-propenyl)- (140-67-0)	
LD50 Oral Rat	1230 mg/kg
LD50 Dermal Rabbit	> 5000 mg/kg
Silica, amorphous, diatomaceous earth (68855-54-9)	
IARC Group	3
Eugenol (97-53-0)	
IARC Group	3
D-Limonene (5989-27-5)	
IARC Group	3
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity.
Silica, cristobalite (14464-46-1)	
IARC Group	1
National Toxicology Program (NTP) Status	Known Human Carcinogens.
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.
Silica, crystalline (general form)	
IARC Group	1
National Toxicology Program (NTP) Status	Known Human Carcinogens.
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.
OSHA Specifically Regulated Carcinogen List	In OSHA Specifically Regulated Carcinogen list.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General: Not classified.

Eugenol (97-53-0)	
LC50 Fish 1	24 mg/l
D-Limonene (5989-27-5)	
LC50 Fish 1	0.619 (0.619 - 0.796) mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	0.421 mg/l
LC50 Fish 2	35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
Dipentene (138-86-3)	
EC50 Daphnia 1	0.7 mg/l
Cyclohexanol, 5-methyl-2-(1-methylethyl)-, (1.alpha.,2.beta.,5.alpha.)- (89-78-1)	
ErC50 (algae)	16.2 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)
.alpha.-Pinene (80-56-8)	
LC50 Fish 1	0.28 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	41 mg/l (Exposure time: 48 h - Species: Daphnia magna)

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(-)-Carvone (6485-40-1)	
LC50 Fish 1	6.1 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static])
ErC50 (algae)	19 mg/l (Exposure time: 72 h - Species: Pseudokirchneriella subcapitata [Static])
1,8-Cineol (470-82-6)	
LC50 Fish 1	95.4 - 109 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])

12.2. Persistence and Degradability

Alginate Impression Material	
Persistence and Degradability	Not established.

12.3. Bioaccumulative Potential

Alginate Impression Material	
Bioaccumulative Potential	Not established.
Silica, amorphous, diatomaceous earth (68855-54-9)	
BCF Fish 1	(no known bioaccumulation)
.alpha.-Pinene (80-56-8)	
Log Pow	4.1

12.4. Mobility in Soil Not available

12.5. Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

Ecology - Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

- 14.1. In Accordance with DOT** Not regulated for transport
- 14.2. In Accordance with IMDG** Not regulated for transport
- 14.3. In Accordance with IATA** Not regulated for transport
- 14.4. In Accordance with TDG** Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

Alginate Impression Material	
SARA Section 311/312 Hazard Classes	Health hazard - Carcinogenicity Health hazard - Respiratory or skin sensitization Health hazard - Skin corrosion or Irritation Health hazard - Serious eye damage or eye irritation Health hazard - Acute toxicity (any route of exposure)
Silica, amorphous, diatomaceous earth (68855-54-9)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Alginic acid, potassium salt (9005-36-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).
Magnesium oxide (MgO) (1309-48-4)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Polypropylene glycol (25322-69-4)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

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EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).
Titanate(2-), hexafluoro-, dipotassium, (OC-6-11)- (16919-27-0)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Iron oxide yellow (51274-00-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
C.I. Pigment Black 11 (12227-89-3)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Carvone (2244-16-8)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Eugenol (97-53-0)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
D-Limonene (5989-27-5)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Dipentene (138-86-3)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Cyclohexanol, 5-methyl-2-(1-methylethyl)-, (1.alpha.,2.beta.,5.alpha.)- (89-78-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
L-Limonene (5989-54-8)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
.alpha.-Pinene (80-56-8)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Bicyclo[7.2.0]undec-4-ene, 4,11,11-trimethyl-8-methylene-, [1R-(1R*,4E,9S*)]- (87-44-5)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
.alpha.-Terpineol (98-55-5)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Terpineol (8000-41-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
(-)-Carvone (6485-40-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Cyclohexanone, 5-methyl-2-(1-methylethyl)-, trans- (89-80-5)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
1,8-Cineol (470-82-6)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Phenol, 2-methoxy-4-(2-propenyl)-, acetate (93-28-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Benzene, 1-methoxy-4-(2-propenyl)- (140-67-0)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Silica, cristobalite (14464-46-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

15.2. US State Regulations

California Proposition 65



WARNING: This product can expose you to Benzene, 1-methoxy-4-(2-propenyl)-, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Chemical Name (CAS No.)	Carcinogenicity	Developmental Toxicity	Female Reproductive Toxicity	Male Reproductive Toxicity
Benzene, 1-methoxy-4-(2-propenyl)- (140-67-0)	X			

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Silica, crystalline (general form)	X			
Silica, amorphous, diatomaceous earth (68855-54-9)				
U.S. - Pennsylvania - RTK (Right to Know) List				
Magnesium oxide (MgO) (1309-48-4)				
U.S. - Massachusetts - Right To Know List				
U.S. - New Jersey - Right to Know Hazardous Substance List				
U.S. - Pennsylvania - RTK (Right to Know) List				
Carvone (2244-16-8)				
U.S. - Massachusetts - Right To Know List				
Dipentene (138-86-3)				
U.S. - New Jersey - Right to Know Hazardous Substance List				
.alpha.-Pinene (80-56-8)				
U.S. - Massachusetts - Right To Know List				
U.S. - New Jersey - Right to Know Hazardous Substance List				
U.S. - Pennsylvania - RTK (Right to Know) List				
Silica, cristobalite (14464-46-1)				
U.S. - Massachusetts - Right To Know List				
U.S. - New Jersey - Right to Know Hazardous Substance List				
U.S. - Pennsylvania - RTK (Right to Know) List				

15.3. Canadian Regulations

Silica, amorphous, diatomaceous earth (68855-54-9)
Listed on the Canadian DSL (Domestic Substances List)
Alginic acid, potassium salt (9005-36-1)
Listed on the Canadian DSL (Domestic Substances List)
Magnesium oxide (MgO) (1309-48-4)
Listed on the Canadian DSL (Domestic Substances List)
Polypropylene glycol (25322-69-4)
Listed on the Canadian DSL (Domestic Substances List)
Titanate(2-), hexafluoro-, dipotassium, (OC-6-11)- (16919-27-0)
Listed on the Canadian DSL (Domestic Substances List)
Iron oxide yellow (51274-00-1)
Listed on the Canadian DSL (Domestic Substances List)
C.I. Pigment Black 11 (12227-89-3)
Listed on the Canadian DSL (Domestic Substances List)
Carvone (2244-16-8)
Listed on the Canadian DSL (Domestic Substances List)
Eugenol (97-53-0)
Listed on the Canadian DSL (Domestic Substances List)
D-Limonene (5989-27-5)
Listed on the Canadian DSL (Domestic Substances List)
Dipentene (138-86-3)
Listed on the Canadian DSL (Domestic Substances List)
Cyclohexanol, 5-methyl-2-(1-methylethyl)-, (1.alpha.,2.beta.,5.alpha.)- (89-78-1)
Listed on the Canadian DSL (Domestic Substances List)
L-Limonene (5989-54-8)
Listed on the Canadian DSL (Domestic Substances List)

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.alpha.-Pinene (80-56-8)
Listed on the Canadian DSL (Domestic Substances List)
Bicyclo[7.2.0]undec-4-ene, 4,11,11-trimethyl-8-methylene-, [1R-(1R*,4E,9S*)]- (87-44-5)
Listed on the Canadian DSL (Domestic Substances List)
.alpha.-Terpineol (98-55-5)
Listed on the Canadian DSL (Domestic Substances List)
Terpineol (8000-41-7)
Listed on the Canadian DSL (Domestic Substances List)
(-)-Carvone (6485-40-1)
Listed on the Canadian DSL (Domestic Substances List)
Cyclohexanone, 5-methyl-2-(1-methylethyl)-, trans- (89-80-5)
Listed on the Canadian DSL (Domestic Substances List)
1,8-Cineol (470-82-6)
Listed on the Canadian DSL (Domestic Substances List)
Phenol, 2-methoxy-4-(2-propenyl)-, acetate (93-28-7)
Listed on the Canadian DSL (Domestic Substances List)
Benzene, 1-methoxy-4-(2-propenyl)- (140-67-0)
Listed on the Canadian DSL (Domestic Substances List)
Silica, cristobalite (14464-46-1)
Listed on the Canadian DSL (Domestic Substances List)

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Preparation or Latest Revision : 01/28/2019

Revision

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR) SOR/2015-17.

GHS Full Text Phrases:

Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Asp. Tox. 1	Aspiration hazard Category 1
Carc. 1	Carcinogenicity, Category 1
Carc. 1A	Carcinogenicity Category 1A
Carc. 2	Carcinogenicity Category 2
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Liq. 3	Flammable liquids Category 3
Flam. Liq. 4	Flammable liquids Category 4
Muta. 2	Germ cell mutagenicity Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization, Category 1

Alginate Impression Material

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Skin Sens. 1B	Skin sensitization, category 1B
STOT RE 1	Specific target organ toxicity (repeated exposure) Category 1
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H226	Flammable liquid and vapour
H227	Combustible liquid
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H341	Suspected of causing genetic defects
H350	May cause cancer
H351	Suspected of causing cancer
H372	Causes damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

NA GHS SDS 2015 (Can, US)