



SAFETY DATA SHEET

SAM CLASSIC BABY POWDER SCENT

Revision Date: 11/2022 Version 1.0
 ✓ GHS Compliant

1. Identification

Product identifier Silicone Art Materials (SAM) Classic Baby Powder Scent for Silicone
Other means of identification
SDS number (SAM) Classic Baby Powder Scent for Silicone
Product code (SAM) Classic Baby Powder Scent for Silicone
Recommended use Fragrance for silicone rubber compounds
Recommended restrictions No additional information available.
Supplier information
Supplier Silicone Art Materials
 c/o 62 Mount Pleasant Avenue
 Troy, New York 12180
 USA
Email: tommcLaughlin75@hotmail.com
Contact person: Health & Safety Manager
General Assistance: 201-273-2613
Emergency Telephone: 24 hour: ChemTel
US and Canada: 1-800-255-3924
International: +1-813-248-0585

2. Hazard(s) identification

2.1 Classification of the substance or mixture

GHS US classification

Skin corrosion/irritation Category 2	Causes skin irritation
Serious eye damage/eye irritation Category 2A	Causes serious eye irritation
Skin sensitization, Category 1	May cause an allergic skin reaction
Carcinogenicity Category 2	Suspected of causing cancer
Reproductive toxicity Category 2	Suspected of damaging fertility or the unborn child

2.2 GHS Label elements, including precautionary statements

Pictogram(s):



GHS07

GHS08

Signal word :

Warning

Hazard statements (GHS US) :

Causes skin irritation
 May cause an allergic skin reaction
 Causes serious eye irritation
 Suspected of causing cancer
 Suspected of damaging fertility or the unborn child

Precautionary statements (GHS US) :

Obtain special instructions before use.
 Do not handle until all safety precautions have been read and understood.
 Avoid breathing dust/fume/gas/mist/vapors/spray.
 Wash hands, forearms and face thoroughly after handling.
 Contaminated work clothing must not be allowed out of the workplace.
 Wear protective gloves/protective clothing/eye protection/face protection.
 If on skin: Wash with plenty of water.
 IF IN EYES: Rinse cautiously with water for several minutes.
 Remove contact lenses, if present and easy to do. Continue rinsing.
 If exposed or concerned: Get medical advice/attention.

Specific treatment (see supplemental first aid instruction on this label).
 If skin irritation occurs: Get medical advice/attention.
 If skin irritation or rash occurs: Get medical advice/attention.
 If eye irritation persists: Get medical advice/attention.
 Take off contaminated clothing and wash it before reuse.
 Wash contaminated clothing before reuse.
 Store locked up.
 Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS – No additional information available.

2.4 Unknown acute toxicity (GHS US) Not applicable.

Section 3 - Composition / Information on Ingredients

3.1 Substances Not applicable.

3.2 Mixtures

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Name	Product identifier	%	GHS US classification
PIPERONAL	(CAS-No.) 120-57-0	10 – 25	Skin Sens. 1B, H317
BENZYL BENZOATE	(CAS-No.) 120-51-4	10 – 25	Acute Tox. 4 (Oral), H302
CITRONELLOL	(CAS-No.) 106-22-9	5 – 10	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1B, H317
BENZYL ALCOHOL	(CAS-No.) 100-51-6	5 – 10	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Eye Irrit. 2A, H319
COUMARIN	(CAS-No.) 91-64-5	5 – 10	Acute Tox. 4 (Oral), H302 Skin Sens. 1B, H317
METHYL CINNAMATE	(CAS-No.) 103-26-4	1 – 5	Skin Sens. 1B, H317
CEDARWOOD OIL	(CAS-No.) 8000-27-9	1 – 5	Asp. Tox. 1, H304
α -Terpineol	(CAS-No.) 98-55-5	1 – 5	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319
CARVONE	(CAS-No.) 6485-40-1	1 – 5	Flam. Liq. 4, H227 Skin Sens. 1B, H317
METHYL GAMMA-IONONE	(CAS-No.) 127-51-5	1 – 5	Skin Sens. 1B, H317
PHENYLETHYL ALCOHOL	(CAS-No.) 60-12-8	1 – 5	Acute Tox. 4 (Oral), H302 Eye Irrit. 2A, H319
MANDARIN OIL	(CAS-No.) 8008-31-9	1 – 5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Repr. 2, H361 Asp. Tox. 1, H304
GERANIUM OIL	(CAS-No.) 8000-46-2	1 – 5	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1B, H317
CITRONELLYL ACETATE	(CAS-No.) 150-84-5	1 – 5	Skin Irrit. 2, H315
GERANYL ACETATE	(CAS-No.) 105-87-3	0.1 – 1	Skin Irrit. 2, H315 Skin Sens. 1, H317
METHYL EUGENOL	(CAS-No.) 93-15-2	0.1 – 1	Acute Tox. 4 (Oral), H302 Muta. 2, H341 Carc. 2, H351
CINNAMIC ALDEHYDE	(CAS-No.) 104-55-2	0.1 – 1	Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1A, H317
CORNMINT OIL	(CAS-No.) 68917-18-0	0.1 – 1	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 Asp. Tox. 1, H304
FIR NEEDLE OIL	(CAS-No.) 8021-28-1	0.1 – 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317

ORANGE OIL	(CAS-No.) 8028-48-6	0.1 – 1	Asp. Tox. 1, H304 Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 Asp. Tox. 1, H304
Decamethylcyclopentasiloxane	(CAS-No.) 541-02-6 9	5 – 10	Flam liq 4 (Slight Hazard) No biological exposure limits

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

Section 4 - First Aid Measures

4.1 Description of first aid measures

First-aid measures general : If exposed or concerned: Get medical advice/attention.
 First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
 First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
 First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
 First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

4.2 Most important symptoms and effects (acute and delayed)

Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.
 Symptoms/effects after eye contact : Eye irritation.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

Section 5 - Fire-Fighting Measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Specific hazards arising from the chemical

Reactivity : The product is non-reactive under normal conditions of use, storage and transport.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Only properly protected personnel should remain in the spill area; dike and contain spill. Stop or reduce discharge if it can be done safely.

6.1.1 For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2 Environmental precautions Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Take up liquid spill into absorbent material.

6.4 Reference to other sections For further information refer to section 13.

Section 7 - Handling and Storage

7.1 Precautions for safe handling Ensure good ventilation of the work station. Use good general housekeeping and lab procedures. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash hands after use. Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Use good personal hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities

: Store locked up. Store in a well-ventilated place. Keep cool.

Section 8 - Exposure Controls / Personal Protection

8.1 Control parameters

PIPERONAL	No additional information available
BENZYL BENZOATE	No additional information available
CITRONELLOL	No additional information available
BENZYL ALCOHOL	No additional information available
COUMARIN	No additional information available
METHYL CINNAMATE	No additional information available
CEDARWOOD OIL	No additional information available
α-Terpineol	No additional information available
CARVONE	No additional information available
METHYL GAMMA-IONONE	No additional information available
PHENYLETHYL ALCOHOL	No additional information available
MANDARIN OIL	No additional information available
GERANIUM OIL	No additional information available
CITRONELLYL ACETATE	No additional information available
GERANYL ACETATE	No additional information available
METHYL EUGENOL	No additional information available
CINNAMIC ALDEHYDE	No additional information available
CORN MINT OIL	No additional information available
FIR NEEDLE OIL	No additional information available
ORANGE OIL	No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls Ensure good ventilation of the work station.
 Environmental exposure controls Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection Protective gloves
Eye protection Safety glasses
Skin and body protection Wear suitable protective clothing
Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.
 Wear respiratory protection.
Comments Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics. Wash thoroughly after handling.

Section 9 - Physical and Chemical Properties

9.1 Information on basic physical and chemical properties:

Physical state	Liquid
Appearance	PALE YELLOW TO YELLOW/AMBER
Odor	CHARACTERISTIC, MATCHING RETAINER SAMPLE
Odor threshold	No data available
pH	No data available
Melting point	Not applicable
Freezing point	No data available
Boiling point	No data available
Flash point	94 °C
Relative evaporation rate (butyl acetate=1)	No data available
Flammability (solid, gas)	Not applicable.
Vapor pressure	No data available
Relative vapor density at 20 °C	No data available
Relative density	1.057 (1.047 – 1.067)
Solubility	Insoluble.
Partition coefficient n-octanol/water (Log Pow)	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
Explosion limits	No data available
Explosive properties	No data available
Oxidizing properties	No data available

Section 10 - Stability and Reactivity

10.1 Reactivity	The product is non-reactive under normal conditions of use, storage and transport.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	No dangerous reactions known under normal conditions of use.
10.4 Conditions to avoid	None under recommended storage and handling conditions (see section 7).
10.5 Incompatible materials	Strong bases and acids
10.6 Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11- Toxicological Information**11.1 Information on toxicological effects**

Acute Toxicity	No classified
COUMARIN (91-64-5)	
ATE US (oral)	500 mg/kg body weight
α-Terpineol (98-55-5)	
ATE US (oral)	4300 mg/kg body weight
BENZYL ALCOHOL (100-51-6)	
LD50 oral rat	1620 mg/kg bw/day (Rat, Male, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	> 2000 mg/kg (EPA OTS 798.1100, Rabbit, Male / female, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	> 4.18 mg/l air (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation (aerosol), 14 day(s))
ATE US (oral)	1620 mg/kg body weight
ATE US (dermal)	2500 mg/kg body weight
ATE US (gases)	4500 ppmV/4h
ATE US (vapors)	11 mg/l/4h
ATE US (dust, mist)	1.5 mg/l/4h
BENZYL BENZOATE (120-51-4)	
LD50 oral rat	> 2000 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	> 2 ml/kg (Modification of Draize 1959 method, 4 h, Rabbit, Experimental value, Dermal)
ATE US (oral)	1500 mg/kg body weight
ATE US (dermal)	4000 mg/kg body weight
CITRONELLOL (106-22-9)	
ATE US (oral)	3450 mg/kg body weight
ATE US (dermal)	2650 mg/kg body weight
CARVONE (6485-40-1)	
ATE US (dermal)	3800 mg/kg body weight
GERANYL ACETATE (105-87-3)	
LD50 oral rat	6300 mg/kg (Rat, Oral)
ATE US (oral)	6300 mg/kg body weight
METHYL EUGENOL (93-15-2)	
ATE US (oral)	1180 mg/kg body weight
PHENYLETHYL ALCOHOL (60-12-8)	
LD50 oral rat	1603 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	2535 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	> 4.63 mg/l (4 h, Rat, Male / female, Experimental value, Inhalation (aerosol), 14 day(s))
ATE US (oral)	500 mg/kg body weight
CINNAMIC ALDEHYDE (104-55-2)	
LD50 oral rat	2220 mg/kg (Rat, Oral)
LD50 dermal rabbit	1260 ml/kg (24 h, Rabbit, Male / female, Experimental value, Dermal)
LC50 Inhalation - Rat	68.88 mg/l (4 h, Rat, Male / female, QSAR, Inhalation)
ATE US (oral)	2220 mg/kg body weight
ATE US (dermal)	1100 mg/kg body weight
ATE US (vapors)	68.88 mg/l/4h
ATE US (dust, mist)	68.88 mg/l/4h
CORNMINT OIL (68917-18-0)	
ATE US (oral)	500 mg/kg body weight
GERANIUM OIL (8000-46-2)	
ATE US (dermal)	2500 mg/kg body weight
PIPERONAL (120-57-0)	
ATE US (oral)	2700 mg/kg body weight
Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory or skin sensitization	May cause an allergenic skin reaction.
Germ cell mutagenicity	Not classified

Carcinogenicity	Suspected of causing cancer.
COUMARIN (91-64-5) IARC group	3 - Not classifiable
METHYL EUGENOL (93-15-2) IARC group National Toxicity Program (NTP) Status	2B - Possibly carcinogenic to humans Reasonably anticipated to be Human Carcinogen
Reproductive toxicity	Suspected of damaging fertility or the unborn child.
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified
Aspiration hazard	Not classified
Viscosity, kinematic	No data available
Symptoms/effects after skin contact	Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	Eye irritation.

Section 12 - Ecological Information

12.1 Toxicity

Ecology - general	The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
BENZYL ALCOHOL (100-51-6) LC50 fish 1 EC50 Daphnia 1 ErC50 (algae)	460 mg/l (EPA OPP 72-1, 96 h, Pimephales promelas, Static system, Fresh water, Experimental value, Nominal concentration) 230 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Fresh water, Experimental value, Locomotor effect) 770 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)
BENZYL BENZOATE (120-51-4) LC50 fish 1 EC50 Daphnia 1	2.32 mg/l (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP) 3.09 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
CITRONELLYL ACETATE (150-84-5) LC50 fish 1 EC50 Daphnia 1 ErC50 (algae)	6.1 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value) 3.48 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Semi-static system, Fresh water, Experimental value) > 7.2 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Growth rate)
GERANYL ACETATE (105-87-3) LC50 fish 1 EC50 Daphnia 1	68.12 mg/l (DIN 38412: German standard methods for the examination of water, waste water and sludge, 96 h, Leuciscus idus, Static system, Fresh water, Read-across) 14.1 mg/l (EU Method C.2, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
PHENYLETHYL ALCOHOL (60-12-8) LC50 fish 1 EC50 Daphnia 1 ErC50 (algae)	215 – 464 mg/l (DIN 38412: German standard methods for the examination of water, waste water and sludge, 96 h, Leuciscus idus, Static system, Fresh water, Experimental value, Lethal) 287.17 mg/l (EU Method C.2, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect) 1300 mg/l (DIN 38412: German standard methods for the examination of water, waste water and sludge, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Nominal concentration)
CINNAMIC ALDEHYDE (104-55-2) LC50 fish 1 EC50 Daphnia 1	4.15 mg/l (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP) 3.21 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)

12.2 Persistence and Degradability

BENZYL ALCOHOL (100-51-6) Persistence and degradability Biochemical oxygen demand (BOD) Chemical oxygen demand (COD) ThOD	Biodegradable in the soil. Readily biodegradable in water. 1.6 g O ₂ /g substance 2.4 g O ₂ /g substance 2.5 g O ₂ /g substance
BENZYL BENZOATE (120-51-4) Persistence and degradability	Readily biodegradable in water.
CITRONELLOL (106-22-9)	

Persistence and degradability	Readily biodegradable in water.
Chemical oxygen demand (COD)	2.05 g O ₂ /g substance
ThOD	2.961 g O ₂ /g substance
CITRONELLYL ACETATE (150-84-5)	
Persistence and degradability	Readily biodegradable in water.
ThOD	2.6 g O ₂ /g substance
PHENYLETHYL ALCOHOL (60-12-8)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	1.45 g O ₂ /g substance
Chemical oxygen demand (COD)	2.5 g O ₂ /g substance
ThOD	2.6 g O ₂ /g substance
CINNAMIC ALDEHYDE (104-55-2)	
Persistence and degradability	Readily biodegradable in water.
PIPERONAL (120-57-0)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
ThOD	1.71 g O ₂ /g substance

12.3 Bioaccumulative Potential

BENZYL ALCOHOL (100-51-6)	
Partition coefficient n-octanol/water (Log Pow)	1 – 1.1 (Experimental value, 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
BENZYL BENZOATE (120-51-4)	
BCF fish 1	2.286 (BCFBFAF v3.00, Pisces, QSAR)
Partition coefficient n-octanol/water (Log Pow)	3.97 (Experimental value, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
CITRONELLOL (106-22-9)	
Partition coefficient n-octanol/water (Log Pow)	3.41 – 3.91
CITRONELLYL ACETATE (150-84-5)	
Partition coefficient n-octanol/water (Log Pow)	4.9 (Practical experience/observation, EU Method A.8: Partition Coefficient, 25 °C)
Bioaccumulative potential	Potential for bioaccumulation (4 ≥ Log Kow ≤ 5).
GERANYL ACETATE (105-87-3)	
BCF other aquatic organisms 1	1500 (Estimated value)
Partition coefficient n-octanol/water (Log Pow)	4.04 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method)
Bioaccumulative potential	Potential for bioaccumulation (4 ≥ Log Kow ≤ 5).
PHENYLETHYL ALCOHOL (60-12-8)	
BCF fish 1	2.036 l/kg (BCFBFAF v3.01, Estimated value, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	1.3 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
CINNAMIC ALDEHYDE (104-55-2)	
Partition coefficient n-octanol/water (Log Pow)	2.107 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
PIPERONAL (120-57-0)	
Partition coefficient n-octanol/water (Log Pow)	1.05
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

12.4 Mobility in Soil

BENZYL ALCOHOL (100-51-6)	
Surface tension	39 mN/m (20 °C)
Partition coefficient n-octanol/water (Log Koc)	1.122 – 1.332 (log Koc, SRC PCKOCWIN v2.0, QSAR)
Ecology - soil	Highly mobile in soil.
BENZYL BENZOATE (120-51-4)	
Surface tension	0.027 N/m (210 °C)
Partition coefficient n-octanol/water (Log Koc)	3.8 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value)
Ecology - soil	Low potential for mobility in soil.
CITRONELLYL ACETATE (150-84-5)	
Partition coefficient n-octanol/water (Log Koc)	3.38 (log Koc, QSAR)
Ecology - soil	Low potential for mobility in soil.
GERANYL ACETATE (105-87-3)	
Partition coefficient n-octanol/water (Log Koc)	3.06 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Ecology - soil	Low potential for mobility in soil.
PHENYLETHYL ALCOHOL (60-12-8)	
Surface tension	59.7 mN/m (20 °C, 1 g/l, OECD 115: Surface Tension of Aqueous Solutions)
Partition coefficient n-octanol/water (Log Koc)	1.5 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC),

Ecology - soil	Experimental value) Highly mobile in soil.
CINNAMIC ALDEHYDE (104-55-2)	
Surface tension	45.3 mN/m (20 °C, Experimental value)
Partition coefficient n-octanol/water (Log Koc)	1.958 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value)
Ecology - soil	Highly mobile in soil.

12.5 Results of PBT and vPvB assessment No data available

12.6 Other Adverse Effects No data available

Section 13 - Disposal Considerations

13.1 Disposal methods

Waste treatment methods Dispose of contents/container in accordance with licensed collector's sorting instructions.

Section 14 - Transport Information

Department of Transportation (DOT)

In accordance with DOT

Not regulated

Transportation of Dangerous Goods

Not applicable

Transport by sea

Transport document description (IMDG)	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III
UN-No. (IMDG)	3082
Proper Shipping Name (IMDG)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Class (IMDG)	9 - Miscellaneous dangerous substances and articles
Packing group (IMDG)	III - substances presenting low danger

Air transport

Transport document description (IATA)	UN 3082 Environmentally hazardous substance, liquid, n.o.s., 9, III
UN-No. (IATA)	3082
Proper Shipping Name (IATA)	Environmentally hazardous substance, liquid, n.o.s.
Class (IATA)	9 - Miscellaneous Dangerous Goods
Packing group (IATA)	III - Minor Danger

Section 15 - Regulatory Information

15.1 U.S. Federal regulations

COUMARIN (91-64-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

α-Terpineol (98-55-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

BENZYL ALCOHOL (100-51-6)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

BENZYL BENZOATE (120-51-4)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

CITRONELLOL (106-22-9)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

CITRONELLYL ACETATE (150-84-5)
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

GERANYL ACETATE (105-87-3)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

METHYL CINNAMATE (103-26-4)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

METHYL EUGENOL (93-15-2)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Subject to reporting requirements of United States SARA Section 313

METHYL GAMMA-IONONE (127-51-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

PHENYLETHYL ALCOHOL (60-12-8)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

MANDARIN OIL (8008-31-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

CEDARWOOD OIL (8000-27-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

CORN MINT OIL (68917-18-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

FIR NEEDLE OIL (8021-28-1)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

GERANIUM OIL (8000-46-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

ORANGE OIL (8028-48-6)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

PIPERONAL (120-57-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.1 International regulations

Canada

COUMARIN (91-64-5)

Listed on the Canadian DSL (Domestic Substances List)

α -Terpineol (98-55-5)

Listed on the Canadian DSL (Domestic Substances List)

BENZYL ALCOHOL (100-51-6)

Listed on the Canadian DSL (Domestic Substances List)

BENZYL BENZOATE (120-51-4)

Listed on the Canadian DSL (Domestic Substances List)

CITRONELLOL (106-22-9)

Listed on the Canadian DSL (Domestic Substances List)

CITRONELLYL ACETATE (150-84-5)

Listed on the Canadian DSL (Domestic Substances List)

CARVONE (6485-40-1)

Listed on the Canadian DSL (Domestic Substances List)

GERANYL ACETATE (105-87-3)

Listed on the Canadian DSL (Domestic Substances List)

METHYL CINNAMATE (103-26-4)

Listed on the Canadian DSL (Domestic Substances List)

METHYL EUGENOL (93-15-2)

Listed on the Canadian DSL (Domestic Substances List)

METHYL GAMMA-IONONE (127-51-5)

Listed on the Canadian DSL (Domestic Substances List)

PHENYLETHYL ALCOHOL (60-12-8)

Listed on the Canadian DSL (Domestic Substances List)

MANDARIN OIL (8008-31-9)

Listed on the Canadian DSL (Domestic Substances List)

CEDARWOOD OIL (8000-27-9)

Listed on the Canadian DSL (Domestic Substances List)

CINNAMIC ALDEHYDE (104-55-2)

Listed on the Canadian DSL (Domestic Substances List)

CORN MINT OIL (68917-18-0)

Listed on the Canadian DSL (Domestic Substances List)

FIR NEEDLE OIL (8021-28-1)

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

GERANIUM OIL (8000-46-2)

Listed on the Canadian DSL (Domestic Substances List)

ORANGE OIL (8028-48-6)

Listed on the Canadian DSL (Domestic Substances List)

PIPERONAL (120-57-0)

Listed on the Canadian DSL (Domestic Substances List)

National regulations

METHYL EUGENOL (93-15-2)

Listed on IARC (International Agency for Research on Cancer)

Listed as carcinogen on NTP (National Toxicology Program)

15.3. US State regulations

This product can expose you to methyl eugenol, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.



WARNING: This product can expose you to myrcene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

This product can expose you to d-pulegone, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Component	State or local regulations
METHYL EUGENOL(93-15-2)	U.S. - New Jersey - Right to Know Hazardous Substance List

16 - Other Information

Full text of H-phrases:

H226	Flammable liquid and vapor
H227	Combustible liquid
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H332	Harmful if inhaled
H341	Suspected of causing genetic defects
H351	Suspected of causing cancer
H361	Suspected of damaging fertility or the unborn child

SDS US (GHS HazCom 2022) -

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.

Silicone Art Materials

Abbreviations and acronyms

ACGIH-American Conference of Governmental Industrial Hygienists; ANSI-American National Standards Institute; Canadian TDG-Canadian Transportation of Dangerous Goods; CAS-Chemical Abstract Service; Chemtrec-Chemical Transportation Emergency Center (US); CHIP-Chemical Hazard Information and Packaging; DSL-Domestic Substances List; EC-Equivalent Concentration; EH40 (UK)-HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA-Emergency Planning and Community Right-To-Know Act; ESL-Effects screening levels; GHS-Globally Harmonized System of Classification and Labelling of Chemicals; HMIS-Hazardous Material Information Service; IATA-International Air Transport Association; IMDG-International Maritime Dangerous Goods Code; LC-Lethal Concentration; LD-Lethal Dose; LEL-Lower Explosion Level; NFPA-National Fire Protection Association; OEL-Occupational Exposure Limit; OSHA-Occupational Safety and Health Administration, US Dept. of Labor; PEL-Permissible Exposure Limit; SARA (Title III)-Superfund Amendments and Reauthorization Act; SARA 313-Superfund Amendments and Reauthorization Act, Section 313; SCBA-Self-Contained Breathing Apparatus; STEL-Short Term Exposure Limit; TCEQ-Texas Commission on Environmental Quality; ThOD-Theoretical Oxygen Demand; TLV-Threshold Limit Value; TSCA-Toxic Substances Control Act Public Law 94-469; TWA-Time Weighted Value; UEL-Upper Explosion Level; US DOT-US Department of Transportation; WHMIS-Workplace Hazardous Materials Information System.

Disclaimer

The information contained in this Safety Data Sheet (SDS) is considered accurate as of the version date. However, no warranty is expressed or implied regarding the accuracy of the data. Since the use of this product is not within the control of Silicone Art Materials, it is the user's obligation to determine the suitability of the product for its intended application and assumes all risk and liability for its safe use.

This SDS is prepared to comply with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) as prescribed by the United States (US) Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS), and European Union Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 (REACH).

Classifications of the chemical in accordance with 29 CFR 1910.1200, signal word, hazard and precautionary statement(s), symbol(s) and other information are based on listed concentration of each hazardous ingredient. Unlisted ingredients are not "hazardous" per the OSHA Hazard Communication Standard (29 CFR 1910.1200), WHMIS and EC No 1907/2006 and are considered trade secrets under US Federal Law (29 CFR and 40 CFR), Canadian Law (Health Canada Legislation), and European Union Directives.