

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

EVO-STIK SILICONE SEAL MP CLEAR

Supercedes Date: 24-Jun-2021

Revision date 10-Dec-2021 Revision Number 2

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name EVO-STIK SILICONE SEAL MP CLEAR

Pure substance/mixture Mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use Sealant.
Uses advised against None known

1.3. Details of the supplier of the safety data sheet

Company Name

Bostik Espana par Compositor Stravinsky, 12-18 Poligone Industrial Can Jardi

08191 Rubi (Barcelona), Spain

Tel: +34 93 586 02 00 Fax: +34 93 586 02 01

E-mail address SDS.box-EU@bostik.com

1.4. Emergency telephone number

United Kingdom +44 (1785) 272650

Ireland +353 (1) 8624900 (Monday- Friday 9am-5pm)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Chronic aquatic toxicity Category 3 - (H412)

2.2. Label elements

Signal word

None

Hazard statements

H412 - Harmful to aquatic life with long lasting effects.

EU Specific Hazard Statements

EUH208 - Contains 4,5-dichloro-2-octyl-2H-isothiazol-3-one [DCOIT] & Dimethylbis[(1-oxoneodecyl)oxy]stannane. May produce an allergic reaction

EUH210 - Safety data sheet available on request

Precautionary Statements - EU (§28, 1272/2008)

P273 - Avoid release to the environment

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

2.3. Other hazards

Small amounts of acetic acid (CAS 64-19-7) are formed by hydrolysis and released upon curing. Harmful to aquatic life.

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PBT & vPvB

This mixture contains no substance considered to be persistent, bioaccumulating or toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	REACH registration number
Petroleum distillates, hydrotreated light	265-149-8	64742-47-8	10 - <20	Asp. Tox. 1 (H304) (EUH066)		01-2119484819- 18-XXXX
Distillates, petroleum, hydrotreated middle	265-148-2	64742-46-7	10 - <20	Asp. Tox. 1 (H304)		01-2119827000- 58-XXXX
4,5-dichloro-2-octyl-2H-i sothiazol-3-one [DCOIT]	264-843-8	64359-81-5	0.01 - <0.05	Skin Corr. 1B (H314) Eye Dam. 1 (H318) Skin Sens. 1A (H317) Acute Tox. 4 (H302) Acute Tox. 2 (H330) Aquatic Acute 1 (H400) M=100 Aquatic Chronic 1 (H410) M=100 (EUH071)	Skin Irrit. 2 :: 0.025%<=C<5% Eye Irrit. 2 :: 0.025%<=C<3% Skin Sens. 1A :: C>=0.0015%	-
Dimethylbis[(1-oxoneode cyl)oxy]stannane	273-028-6	68928-76-7	0.01 - <0.05	Skin Irrit. 2 (H315) Skin Sens. 1A (H317) Acute Tox. 4 (H302) Aquatic Chronic 3 (H412)		01-2120770324- 57-xxxx

Full text of H- and EUH-phrases: see section 16

Note: ^ indicates not classified, however, the substance is listed in section 3 as it has an OEL

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures

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4.1. Description of first aid measures

General advice Show this safety data sheet to the doctor in attendance. If medical advice is needed,

have product container or label at hand.

Inhalation Remove to fresh air. If symptoms persist, call a doctor.

Immediately flush with plenty of water. After initial flushing, remove any contact lenses Eye contact

and continue flushing for at least 15 minutes. Consult an ophthalmologist.

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Wash skin with soap and water. In the case of skin irritation or allergic reactions see a Skin contact

doctor.

Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with Ingestion

water. Drink 1 or 2 glasses of water. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms None known.

4.3. Indication of any immediate medical attention and special treatment needed

Note to doctors Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

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

Unsuitable extinguishing media Full water jet.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the

chemical

Thermal decomposition can lead to release of irritating gases and vapours.

Carbon oxides. Carbon monoxide. Carbon dioxide (CO2). Fumes. Smoke production. Hazardous combustion products

5.3. Advice for firefighters

Special protective equipment and Wear self contained breathing apparatus for fire fighting if necessary.

precautions for fire-fighters

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Do not get in eyes, on skin, or on clothing. Use personal protective equipment as **Personal precautions**

required. Ensure adequate ventilation.

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions Prevent product from entering drains. Do not allow to enter into soil/subsoil. See Section

12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for containment Do not scatter spilled material with high pressure water streams.

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Methods for cleaning upTake up mechanically, placing in appropriate containers for disposal.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling Ensure adequate ventilation.

General hygiene considerations Do not eat, drink or smoke when using this product. Wash hands before breaks and after

work. Take off all contaminated clothing and wash it before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Protect from moisture. Keep away from food, drink and animal feedingstuffs.

Recommended storage

temperature

Keep at temperatures between 10 and 35 °C.

7.3. Specific end use(s)

Specific use(s)

Sealant.

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

Other information Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Derived No Effect Level (DNEL) No information available

Derived No Effect Level (DN			
Petroleum distillates, hydro	treated light (64742-47-8)		
Distillates, petroleum, hydro	otreated middle (64742-46-7)		
Туре	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker Long term Systemic health effects	Inhalation	16.4 mg/m³	
worker Short term Systemic health effects	Inhalation	5.003 mg/m³	
worker Long term Systemic health effects	Dermal	2.9 mg/kg bw/d	

Derived No Effect Level (DNEL)	
Petroleum distillates, hydrotreated light (64742-47-8)	

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Туре	Exposure route	Derived No Effect Level	Safety factor
		(DNEL)	
Consumer	Oral	19 mg/kg bw/d	
Long term			
Systemic health effects			

Distillates, petroleum, hydrotreated middle (64742-46-7)				
Туре	Exposure route	Derived No Effect Level	Safety factor	
		(DNEL)		
Consumer	Oral	1.3 mg/kg bw/d		
Long term				
Systemic health effects				

Predicted No Effect Concentration No information available. **(PNEC)**

8.2. Exposure controls

Engineering controls Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles). Eye protection must conform to

standard EN 166

Hand protection Wear suitable gloves. Recommended Use:. Neoprene™. Nitrile rubber. Butyl rubber.

Glove thickness > 0.7mm. The breakthrough time for the mentioned glove material is in general greater than 480 min. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific

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gloves. Gloves must conform to standard EN 374

Skin and body protection None under normal use conditions.

Respiratory protection In case of inadequate ventilation wear respiratory protection. Wear a respirator

conforming to EN 140 with Type A/P2 filter or better. Ensure adequate ventilation,

especially in confined areas.

Recommended filter type: Organic gases and vapours filter conforming to EN 14387. White. Brown.

Environmental exposure controls Do not allow uncontrolled discharge of product into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Solid Appearance Paste

Colour Clear to opalescent

Odour Acetic acid

Odour threshold No information available

Property Values Remarks • Method

pH No data available Not applicable Insoluble in water

pH (as aqueous solution)

Melting point / freezing point

Initial boiling point and boiling

No data available
No data available

range

Flash point > 100 °C CC (closed cup)

Evaporation rate
No data available
No data available

Flammability Limit in Air

Upper flammability or explosive No data available

limits

Lower flammability or explosive No data available

limits

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Vapour pressureNo data availableRelative vapour densityNo data available

Relative density 0.96

Water solubility Product cures with moisture

Solubility(ies)No data availablePartition coefficientNo data availableAutoignition temperatureNo data availableDecomposition temperatureNo data available

Kinematic viscosity > 21 mm²/s @ 40 °C

Dynamic viscosity

Explosive properties

Oxidising properties

No data available
No data available
No data available

9.2. Other information

Solid content (%) No information available

VOC Content (%)

Density 0.96 g/cm³

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Product cures with moisture.

10.2. Chemical stability

Stability Stable under normal conditions.

None.

Explosion data

Sensitivity to mechanical

impact

Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid Product cures with moisture. Protect from moisture. Exposure to air or moisture over

prolonged periods. Do not freeze. Keep away from open flames, hot surfaces and $% \left(1\right) =\left(1\right) \left(1\right) \left($

sources of ignition.

10.5. Incompatible materials

Incompatible materials Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition

products

None under normal use conditions. Stable under recommended storage conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Information on likely routes of exposure

Product Information

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Inhalation Based on available data, the classification criteria are not met.

Eye contact Based on available data, the classification criteria are not met.

Skin contact Based on available data, the classification criteria are not met. May cause sensitisation

in susceptible persons.

Ingestion Based on available data, the classification criteria are not met.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Numerical measures of toxicity

Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (dermal) 11,776.50 mg/kg

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Petroleum distillates, hydrotreated light 64742-47-8	>5000 mg/kg (Rattus)	> 2000 mg/kg (Oryctolagus cuniculus)	>5.2 mg/L (Rattus) 4 h
Distillates, petroleum, hydrotreated middle 64742-46-7	=7400 mg/kg (Rattus)	> 2000 mg/kg (Oryctolagus cuniculus)	=4.6 mg/L (Rattus) 4 h
4,5-dichloro-2-octyl-2H-isothiaz ol-3-one [DCOIT] 64359-81-5	=1636 mg/kg (Rattus)	> 2000 mg/kg (Oryctolagus cuniculus)	=0.26 mg/L (Rattus) 4 h
Dimethylbis[(1-oxoneodecyl)ox y]stannane 68928-76-7	LD50 =892 mg/Kg (Rattus) (OECD 401)	LD50 >2000 mg/Kg (rattus)	

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation By analogy to another tested similar product: No irritation after contact to the eyes.

(H319 is void).

Respiratory or skin sensitisation No classification is proposed, based on conclusive negative data. May produce an

allergic reaction. OECD Test No. 406: Skin Sensitisation. May cause sensitisation in

susceptible persons.

Product Information					
Method	Species	Exposure route	Results		
OECD Test No. 406: Skin	Guinea pig	Dermal	No sensitisation responses		
Sensitisation			were observed		

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

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Reproductive toxicity Based on available data, the classification criteria are not met.

STOT - single exposure Based on available data, the classification criteria are not met.

STOT - repeated exposureBased on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties No information available.

11.2.2. Other information

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity Harmful to aquatic life with long lasting effects.

Chemical name	Algae/aquatic	Fish	Toxicity to	Crustacea	M-Factor	M-Factor
	plants		microorganisms			(long-term)
Petroleum distillates,	-	LC50: =2.2mg/L	-	LC50:		
hydrotreated light		(96h, Lepomis		=4720mg/L		
64742-47-8		macrochirus)		(96h,		
		LC50: =2.4mg/L		Den-dronereide		
		(96h,		s heteropoda)		
		Oncorhynchus				
		mykiss) LC50:				
		=45mg/L (96h,				
		Pimephales				
Distillatos patralaum	EL50,	promelas) LC50 96 h = 35		LL50, Acartia		
Distillates, petroleum, hydrotreated middle	Skeletonema		-	tonsa, 48 Hr, >		
64742-46-7	costatum,72hr,	mg/L (Pimephales		3 193 mg/l,		
04742-40-7	> 10 000 mg/l,	promelas		5 195 mg/i,		
	> 10 000 mg/i,	flow-through)				
		LC50 96 h >				
		10000 mg/L				
		(Pimephales				
		promelas static)				
4,5-dichloro-2-octyl-2H-	EC50 (72h)	LC50 (96h)	-	EC50 (48h)	100	100
isothiazol-3-one	=0.025 mg/L	0.0078 mg/L		0.0097 mg/L		
[DCOIT]	Algae	(Oncorhynchus		Daphnia magna		
64359-81-5	(Scenedesmus	mykiss)(OECD		(OECD 202)		
	subspicatus)(OE	203)				
	CD 201)					
Dimethylbis[(1-oxoneod	-	-	-	EC50 =39 mg/L		

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ecyl)oxy]stannane		(Daphnia	
68928-76-7		magna)	
		(OECD 201)	

12.2. Persistence and degradability

Persistence and degradability No information available.

Component Information				
4,5-dichloro-2-octyl-2H-isothiazol-3-one [DCOIT] (64359-81-5)				
Method	Exposure time	Value	Results	
OECD Test No. 308: Aerobic and		Half-life	1.1-1.3 days	
Anaerobic Transformation in				
Aquatic Sediment Systems				

Dimethylbis[(1-oxoneodecyl)oxy]stannane (68928-76-7)				
Method	Exposure time	Value	Results	
OECD Test No. 301B: Ready Biodegradability: CO2 Evolution Test (TG 301 B)	28 days	0%	Not readily biodegradable	
OECD Test No. 301F: Ready Biodegradability: Manometric Respirometry Test (TG 301 F)	28 days	3%	Not readily biodegradable	

12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

Component Information

Chemical name	Partition coefficient	Bioconcentration factor (BCF)
Petroleum distillates, hydrotreated light 64742-47-8	•	159
4,5-dichloro-2-octyl-2H-isothiazol-3-one [DCOIT] 64359-81-5	4.4	13

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product does not contain any substance(s) classified as PBT or vPvB.

Chemical name	PBT and vPvB assessment
Petroleum distillates, hydrotreated light	The substance is not PBT / vPvB
64742-47-8	
Distillates, petroleum, hydrotreated middle	The substance is not PBT / vPvB
64742-46-7	PBT assessment does not apply
4,5-dichloro-2-octyl-2H-isothiazol-3-one [DCOIT]	The substance is not PBT / vPvB
64359-81-5	

12.6. Other adverse effects

No information available. Other adverse effects

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

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Waste from residues/unused

products

Uncured product should be disposed of as hazardous waste. Dispose of contents/container in accordance with local, regional, national, and international

regulations as applicable.

Contaminated packaging

Handle contaminated packages in the same way as the product itself.

European Waste Catalogue

08 04 09* waste adhesives and sealants containing organic solvents or other dangerous

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substances

Other information

Waste codes should be assigned by the user based on the application for which the

product was used.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1 UN number or ID numberNot regulated14.2 Proper Shipping NameNot regulated14.3 Transport hazard class(es)Not regulated14.4 Packing groupNot regulated14.5 Environmental hazardsNot applicable

14.6 Special Provisions None

IMDG

14.1 UN number or ID number
14.2 Proper Shipping Name
14.3 Transport hazard class(es)
14.4 Packing group
14.5 Marina a M

14.5 Marine pollutant NP
14.6 Special Provisions None

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code Not applicable

Air transport (ICAO-TI / IATA-DGR)

14.1 UN number or ID numberNot regulated14.2 Proper Shipping NameNot regulated14.3 Transport hazard class(es)Not regulated14.4 Packing groupNot regulated14.5 Environmental hazardsNot applicable

14.6 Special Provisions None

Section 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

Registration, Evaluation, Authorization, and Restriction of Chemicals (REACh) Regulation (EC 1907/2006)

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SVHC: Substances of Very High Concern for Authorisation:

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

28 . The classification as a carcinogen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7). This note applies only to certain complex coal and oil-derived substances in Annex I. Mineral oils are known to cause cancer because of carcinogenic components (e.g. benzene). The mineral oil in this product is highly refined and should not be considered a carcinogen.

Substance subject to authorisation per REACH Annex XIV

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

Persistent Organic Pollutants

Not applicable

National regulations

15.2. Chemical safety assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa. No Chemical Safety Assessment has been carried out for this mixture

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

EUH066 - Repeated exposure may cause skin dryness or cracking

EUH071 - Corrosive to the respiratory tract

H302 - Harmful if swallowed

H304 - May be fatal if swallowed and enters airways H314 - Causes severe skin burns and eye damage

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H318 - Causes serious eye damage

H330 - Fatal if inhaled

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

H412 - Harmful to aquatic life with long lasting effects

Legend

TWA TWA (time-weighted average)
STEL STEL (Short Term Exposure Limit)

Ceiling Ceiling Limit Value

* Skin designation

SVHC Substance(s) of Very High Concern

PBT Persistent, Bioaccumulative, and Toxic (PBT) Chemicals

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vPvB Very Persistent and very Bioaccumulative (vPvB) Chemicals

STOT RE Specific target organ toxicity - Repeated exposure STOT SE Specific target organ toxicity - Single exposure

EWC European Waste Catalogue

Key literature references and sources for data

No information available

Prepared By Product Safety & Regulatory Affairs

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Indication of changes

Revision note SDS sections updated, 2, 3, 10, 11, 12, 13, 16.

Training Advice No information available

Further information No information available

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer

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.

End of Safety Data Sheet

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