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SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

NAME OF THE PRODUCT BOSSFILL MS Sprayable sealer 290ml
CODE 080030

2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

CLP REGULATION (EC) No 1272/2008

The health and environmental classifications of this material have been derived using the calculation method, except in cases where test data are available or the physical form impacts classification. Classification(s) based on test data or physical form are noted below, if applicable. A similar mixture has been tested for eye damage/irritation and the test results do not meet the criteria for classification. The carcinogenicity classification for titanium dioxide is not applicable based on physical form (material is not a powder).

CLASSIFICATION:

This material is not classified as hazardous according to Regulation (EC) No. 1272/2008, as amended, on classification, labelling, and packaging of substances and mixtures.

2.2. Label elements

CLP REGULATION (EC) No 1272/2008

Not applicable.

SUPPLEMENTAL INFORMATION:

Supplemental Hazard Statements:

EUH210	Safety data sheet available on request.
EUH212	Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.
EUH208	Contains Trimethoxyvinylsilane. May produce an allergic reaction.

2.3. Other hazards

None known.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable.

3.2. Mixtures

CAS-No. 1317-65-3 EC-No. 215-279-6	**Limestone** Substance with a national occupational exposure limit	40-70%
EC-No. 926-141-6 REACH-No. 01-2119456620-43	**Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics** Asp. Tox. 1, H304 EUH066	5-10%
CAS-No. 1305-78-8 EC-No. 215-138-9 REACH-No. 01-2119475325-36	**Calcium oxide** EUH071 Skin Corr. 1C, H314 Eye Dam. 1, H318	<3%
CAS-No. 13463-67-7 EC-No. 236-675-5	**Titanium dioxide** Carc. 2, H351 (Inhalation)	<3%
CAS-No. 1333-86-4 EC-No. 215-609-9	**Carbon black** Substance with a national occupational exposure limit	<2%
CAS-No. 2768-02-7 EC-No. 220-449-8 REACH-No. 01-2119513215-52	**Trimethoxyvinylsilane** Skin Sens. 1B, H317 Flam. Liq. 3, H226 Acute Tox. 4, H332	<1%
CAS-No. 52829-07-9 EC-No. 258-207-9 REACH-No. 01-2119537297-32	**Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate** Acute Tox. 3, H331 Eye Dam. 1, H318 Aquatic Acute 1, H400,M=1 Aquatic Chronic 2, H411	<0,5%

Any entry in the Identifier(s) column that begins with the numbers 6, 7, 8, or 9 are a Provisional List Number provided by ECHA pending publication of the official EC Inventory Number for the substance.
Please see section 16 for the full text of any H statements referred to in this section.

Specific Concentration Limits

CAS-No. 1305-78-8 EC-No. 215-138-9 REACH-No. 01-2119475325-36	**Calcium oxide** (C >= 50%) EUH071 (C >= 50%) Skin Corr. 1C, H314 (10% =< C < 50%) Skin Irrit. 2, H315 (C >= 3%) Eye Dam. 1, H318 (1% =< C < 3%) Eye Irrit. 2, H319 (20% =< C < 50%) STOT SE 3, H335

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS.

4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation
Remove person to fresh air. If you feel unwell, get medical attention.

Skin contact
Wash with soap and water. If signs/symptoms develop, get medical attention.

Eye contact
No need for first aid is anticipated.

If swallowed
Rinse mouth. If you feel unwell, get medical attention.

4.2. Most important symptoms and effects, both acute and delayed
No critical symptoms or effects. See Section 11.1, information on toxicological effects.

4.3. Indication of any immediate medical attention and special treatment required
Not applicable.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media
In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

5.2. Special hazards arising from the substance or mixture
None inherent in this product.

Hazardous Decomposition or By-Products

Substance	Condition
Carbon monoxide	During combustion
Carbon dioxide	During combustion

5.3. Advice for fire-fighters
Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures
Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice.

6.2. Environmental precautions
Avoid release to the environment.

6.3. Methods and material for containment and cleaning up
Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue. Seal the container. Dispose of collected material as soon as possible.

6.4. Reference to other sections
Refer to Section 8 and Section 13 for more information.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling
Do not handle until all safety precautions have been read and understood. Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.) Use personal protective equipment (eg. gloves, respirators…) as required.

7.2. Conditions for safe storage including any incompatibilities
Store away from acids.
Store away from oxidising agents.

7.3. Specific end use(s)
See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1. Control parameters
Occupational exposure limits
If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

Calcium oxide CAS Nbr: 1305-78-8	UK HSC	TWA (respirable fraction): 1 mg/m3; TWA: 2 mg/m3; STEL (respirable fraction): 4 mg/m3
Limestone CAS Nbr: 1317-65-3	UK HSC	TWA (respirable): 4 mg/m3; TWA (as respirable dust): 4 mg/m3; TWA (Inhalable): 10 mg/m3; TWA (as inhalable dust):10 mg/m3
Carbon black CAS Nbr: 1333-86-4	UK HSC	TWA: 3.5 mg/m³; STEL: 7 mg/m³
Titanium dioxide CAS Nbr: 13463-67-7	UK HSC	TWA (respirable): 4 mg/m3; TWA(Inhalable): 10 mg/m3

UK HSC: UK Health and Safety Commission.
TWA: Time-Weighted-Average.
STEL: Short Term Exposure Limit.
CEIL: Ceiling.

Biological limit values
No biological limit values exist for any of the components listed in Section 3 of this safety data sheet.

Recommended monitoring procedures:
Information on recommended monitoring procedures can be obtained from UK HSC.

8.2. Exposure controls
8.2.1. Engineering controls
Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/ fume/ gas/ mist/ vapours/ spray. If ventilation is not adequate, use respiratory protection equipment.

8.2.2. Personal protective equipment (PPE)
Eye/ face protection
Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/ face protection(s) are recommended:
Safety glasses with side shields.

Applicable Norms/Standards
Use eye protection conforming to EN 166

Skin/ hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing.
Gloves made from the following material(s) are recommended:

Material	**Thickness (mm)**	**Breakthrough Time**
Nitrile rubber	>0.30	≥ 8 hours

The glove data presented are based on the substance driving dermal toxicity and the conditions present at the time of testing.
Breakthrough time may be altered when the glove is subjected to use conditions that place additional stress on the glove.

Applicable Norms/Standards
Use gloves tested to EN 374

Respiratory protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:
Half facepiece or full facepiece air-purifying respirator suitable for particulates.
For questions about suitability for a specific application, consult with your respirator manufacturer.

Applicable Norms/Standards
Use a respirator conforming to EN 140 or EN 136: filter type P

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:	Solid.
Specific Physical Form:	Paste.
Colour:	Beige, Black, Grey.
Odor:	Light odor.
Odor threshold:	No data available.
Melting point/ freezing point:	No data available.
Boiling point/ boiling range:	>=190 ºC.
Flammability (solid, gas):	Not classified.
Flammable Limits (LEL):	0,7% volume.
Flammable Limits (UEL):	7% volume.
Flash point:	>=80ºC [*Test Method*: ISO Method] [*Details*: ISO 3679]
Autoignition temperature:	No data available.
Decomposition temperature:	No data available.
pH:	*Substance/mixture is non-soluble (in water)*
Kinematic Viscosity:	91,463,4146 mm²/sec
Water solubility:	Immiscible.
Solubility-non-water:	No data available.
Partition coefficient: n-octanol/water	No data available.
Vapour pressure:	No data available.

Density:	1,64 g/cm3.
Relative density:	1,64.
Relative Vapor Density:	No data available.

9.2. Other information
9.2.2. Other safety characteristics

EU Volatile Organic Compounds	No data available.
Evaporation rate	No data available.
Percent volatile	No data available.

10. STABILITY AND REACTIVITY

10.1. Reactivity
This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

10.2. Chemical stability
Stable.

10.3. Possibility of hazardous reactions
Hazardous polymerisation will not occur.

10.4. Conditions to avoid
Not determined.

10.5. Incompatible materials
Not determined.

10.6. Hazardous decomposition products

Substance	Conditions
Methanol	Moisture

Refer to section 5.2 for hazardous decomposition products during combustion.

11. TOXICOLOGICAL INFORMATION

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 11 are based on UN GHS calculation rules and classifications derived from internal hazard assessments.

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008
Signs and Symptoms of Exposure
Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation:
Respiratory tract irritation: Signs/ symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Skin contact:
Mild Skin Irritation: Signs/ symptoms may include localised redness, swelling, itching, and dryness.

Eye contact:
Contact with the eyes during product use is not expected to result in significant irritation.

Ingestion:
Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea. May cause additional health effects (see below).

Additional Health Effects:

Reproductive/ Developmental Toxicity
Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

Toxicological Data
If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

Identification	Route	Value	Species
Overall product	Dermal	No data available; calculated ATE >5,000 mg/kg	
	Inhalation-Vapour (4 hr)	No data available; calculated ATE >50 mg/l	
	Ingestion	No data available; calculated ATE >5,000 mg/kg	
Limestone	Dermal	LD50 >2,000 mg/kg	Rat
	Inhalation-Dust/ Mist (4 hr)	LC50 3 mg/l	Rat
	Ingestion	LD50 6,450 mg/kg	Rat
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	Inhalation-Vapour	LC50 estimated to be 20-50mg/l	Professional judgement
	Dermal	LD50 >5,000 mg/kg	Rabbit
	Ingestion	LD50 >5,000 mg/kg	Rat
Calcium oxide	Ingestion	LD50 >2,500 mg/kg	Rat
	Dermal	LD50 >2,500 mg/kg	Similar compounds
Titanium dioxide	Dermal	LD50 >10,000 mg/kg	Rabbit
	Inhalation-Dust/Mist (4 hr)	LC50 >6.82 mg/l	Rat
	Ingestion	LD50 >10,000 mg/kg	Rat
Carbon black	Dermal	LD50 >3,000 mg/kg	Rabbit
	Ingestion	LD50 >8,000 mg/kg	Rat
Trimethoxyvinylsilane	Dermal	LD50 3,260 mg/kg	Rabbit
	Inhalation-Vapour (4 hr)	LC50 16.8 mg/l	Rat
	Ingestion	LD50 7,120 mg/kg	Rat
Bis (2,2,6,6-tetramethyl-4-piperidyl) sebacate	Dermal	LD50 > 3,170 mg/kg	Rat
	Inhalation-Dust/Mist (4hr)	LC50 0.5 mg/l	Rat
	Ingestion	LD50 3,700 mg/kg	Rat

ATE = acute toxicity estimate

Skin Corrosion/ Irritation

Identification	Value	Species
Limestone	No significant irritation	Rabbit
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	Minimal irritation	Rabbit
Calcium oxide	Corrosive	Human
Titanium dioxide	No significant irritation	Rabbit
Carbon black	No significant irritation	Rabbit
Trimethoxyvinylsilane	Minimal irritation	Rabbit
Bis (2,2,6,6-tetramethyl-4-piperidyl) sebacate	No significant irritation	Rabbit

Serious Eye Damage/ Irritation

Identification	Value	Species
Overall product	No significant irritation	In vitro data
Limestone	No significant irritation	Rabbit
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	Mild irritant	Rabbit
Calcium oxide	Corrosive	Rabbit
Titanium dioxide	No significant irritation	Rabbit
Carbon black	No significant irritation	Rabbit
Trimethoxyvinylsilane	No significant irritation	Rabbit
Bis (2,2,6,6-tetramethyl-4-piperidyl) sebacate	Corrosive	Rabbit

Skin Sensitisation

Identification	Value	Species
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	Not classified	Guinea pig
Titanium dioxide	Not classified	Human and animal
Trimethoxyvinylsilane	Not classified	Guinea pig
Bis (2,2,6,6-tetramethyl-4-piperidyl) sebacate	Not classified	Human

Respiratory Sensitisation

For the component/components, either no data is currently available or the data is not sufficient for classification.

Germ Cell Mutagenicity

Identification	Route	Value
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	In Vitro	Not mutagenic
	In vivo	Not mutagenic
Calcium oxide	In Vitro	Not mutagenic
Titanium dioxide	In Vitro	Not mutagenic
	In vivo	Not mutagenic
Carbon black	In Vitro	Not mutagenic
	In vivo	Some positive data exist, but the data are not sufficient for classification

Trimethoxyvinylsilane	In vivo	Not mutagenic
	In Vitro	Some positive data exist, but the data are not sufficient for classification

Carcinogenicity

Identification	Route	Value	Species
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	Not specified	Not carcinogenic	Not available
Titanium dioxide	Ingestion	Not carcinogenic	Multiple animal species
	Inhalation	Carcinogenic	Rat
Carbon black	Dermal	Not carcinogenic	Mouse
	Ingestion	Not carcinogenic	Mouse
	Inhalation	Carcinogenic	Rat

Reproductive Toxicity
Reproductive and/or Developmental Effects

Identification	Route	Value	Test result	Exposure duration	Species
Limestone	Ingestion	Not classified for development	NOAEL 625 mg/kg/day	Premating & during gestation	Rat
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	Not specified	Not classified for female reproduction	NOAEL Not available	1 generation	Rat
	Not specified	Not classified for male reproduction	NOAEL Not available	1 generation	Rat
	Not specified	Not classified for development	NOAEL Not available	1 generation	Rat
Trimethoxyvinylsilane	Ingestion	Not classified for male reproduction	NOAEL 1,000 mg/kg/day	Premating into lactation	Rat
	Ingestion	Not classified for development	NOAEL 1,000 mg/kg/day	Premating into lactation	Rat
	Ingestion	Not classified for female reproduction	NOAEL 1,000 mg/kg/day	Premating into lactation	Rat
	Ingestion	Not classified for development	NOAEL 1.8 mg/l	Premating into lactation	Rat

Target Organ(s)
Specific Target Organ Toxicity - single exposure

Identification	Route	Target Organ(s)	Value	Test result	Exposure duration	Species
Limestone	Inhalation	respiratory system	Not classified	NOAEL 0.812 mg/l	90 minutes	Rat
Calcium oxide	Inhalation	respiratory irritation	May cause respiratory irritation	NOAEL Not available	occupational exposure	Not available

Specific Target Organ Toxicity - repeated exposure

Identification	Route	Target Organ(s)	Value	Test result	Exposure duration	Species
Limestone	Inhalation	Respiratory system	Not classified	NOAEL Not available	Occupational exposure	Human

Titanium dioxide	Inhalation	Respiratory system	Some positive data exist, but the data are not sufficient for classification	LOAEL 0.01 mg/l	2 years	Rat
	Inhalation	Pulmonary fibrosis	Not classified	NOAEL Not available	Occupational exposure	Human
Carbon black	Inhalation	Pneumoco-niosis	Not classified	NOAEL Not available	Occupational exposure	Human
Trimethoxyvinylsilane	Inhalation	kidney and/or bladder	Not classified	NOAEL mg/l	14 weeks	Rat
	Inhalation	hematopoietic system | eyes	Not classified	NOAEL 2.4 mg/l	14 weeks	Rat
	Ingestion	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	NOAEL 250 mg/kg/day	40 days	Rat
	Ingestion	endocrine system | hematopoietic system | liver | immune system	Not classified	NOAEL 1,000 mg/kg/day	40 days	Rat

Aspiration Hazard

Identification	Value
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	Aspiration hazard

Please contact the address or phone number listed on the first page of the SDS for additional toxicological Information on this material and/or its components.

11.2. Information on other hazards

This material does not contain any substances that are assessed to be an endocrine disruptor for human health.

12. ECOLOGICAL INFORMATION

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 12 are based on UN GHS calculation rules and classifications derived from 3M assessments.

12.1. Toxicity

No product test data available.

Identification	Test endpoint	Test result	Exposure	Type	Organism
Limestone CAS: 1317-65-3	EC50	>100 mg/l	72 hours	Estimated	Green algae
	LC50	>100 mg/l	96 hours	Estimated	Rainbow trout
	EC50	>100 mg/l	48 hours	Estimated	Water flea
	EC10	>100 mg/l	72 hours	Estimated	Green algae

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics CAS: 926-141-6	EL50	>1.000 mg/l	72 hours	Experimental	Green Algae
	LL50	>1.000 mg/l	96 hours	Experimental	Rainbow trout
	EL50	>1.000 mg/l	48 hours	Experimental	Water flea
	NOEL	1.000 mg/l	72 hours	Experimental	Green Algae
Calcium oxide CAS: 1305-78-8	LC50	1.070 mg/l	96 hours	Experimental	Common Carp
Titanium dioxide CAS: 13463-67-7	NOEC	>=1.000 mg/l	3 hours	Experimental	Activated sludge
	EC50	>10.000 mg/l	72 hours	Experimental	Diatom
	LC50	>100 mg/l	96 hours	Experimental	Fathead minnow
	EC50	>100 mg/l	48 hours	Experimental	Water flea
	NOEC	5.600 mg/l	72 hours	Experimental	Diatom
Carbon black CAS: 1333-86-4	EC50	>=100 mg/l	3 hours	Experimental	Activated sludge
		N/A		Data not available or insufficient for classification	
Trimethoxyvinylsilane CAS: 2768-02-7	EC10	1,1 mg/l	5 hours	Experimental	Bacteria
	EC50	>957 mg/l	72 hours	Experimental	Green algae
	LC50	191 mg/l	96 hours	Experimental	Rainbow trout
	EC50	169 mg/l	48 hours	Experimental	Water flea
	NOEC	957 mg/l	72 hours	Experimental	Green algae
	NOEC	28 mg/l	21 days	Experimental	Water flea
Bis (2,2,6,6-tetramethyl-4-piperidyl) sebacate CAS: 52829-07-9	LC50	4,4 mg/l	96 hours	Experimental	Bluegill
	EC50	0,705 mg/l	72 hours	Experimental	Green Algae
	EC50	8,58 mg/l	48 hours	Experimental	Water flea
	EC10	0,188 mg/l	72 hours	Experimental	Green Algae
	NOEC	0,23 mg/l	21 days	Experimental	Water flea
	IC50	>100	3 hours	Experimental	Activated sludge

12.2. Persistence and degradability

Identification	Test type	Duration	Study type	Test result	Protocol
Limestone CAS: 1317-65-3	Data not available - insufficient			N/A	
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics CAS: 926-141-6	Experimental Biodegradation	28 days	BOD	69% BOD/ ThBOD	OECD 301F - Manometric respirometry
Calcium oxide CAS: 1305-78-8	Data not available - insufficient			N/A	
Titanium dioxide CAS: 13463-67-7	Data not available - insufficient			N/A	
Carbon black CAS: 1333-86-4	Data not available - insufficient			N/A	

Trimethoxyvinylsilane CAS: 2768-02-7	Experimental Biodegradation	28 days	BOD	51% DBO/ ThBOD	OECD 301F - Manometric respirometry
Bis (2,2,6,6-tetramethyl-4-piperidyl) sebacate CAS: 52829-07-9	Experimental Hydrolysis		Hydrolytic half-life (pH 7)	56.6 days (t 1/2)	OECD 111 Hydrolysis func of pH
	Experimental Biodegradation	28 days	Percent degraded	24% CO2 Evolution/THCO2 evolution	OECD 301B - Modified sturm or CO2

12.3. Bioaccumulative potential

Identification	Test type	Duration	Study type	Test result	Protocol
Limestone CAS: 1317-65-3	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics CAS: 926-141-6	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Calcium oxide CAS: 1305-78-8	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Titanium dioxide CAS: 13463-67-7	Experimental BCF- Carp	42 days	Bioaccumulation factor	9.6	Non-standard method
Carbon black CAS: 1333-86-4	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Trimethoxyvinylsilane CAS: 2768-02-7	Estimated Bioconcentration		Log Kow	-2	Non-standard method
Bis (2,2,6,6-tetramethyl-4-piperidyl) sebacate CAS: 52829-07-9	Experimental Bioconcentration		Log Kow	0.35	OECD 107 log Kow shke flsk mtd

12.4. Mobility in soil

Identification	Test type	Study type	Test result	Protocol
Trimethoxyvinylsilane CAS: 2768-02-7	Estimated Mobility in Soil	Koc	650 l/kg	Episuite™
Bis (2,2,6,6-tetramethyl-4-piperidyl) sebacate	Experimental Mobility in Soil	Koc	78 l/kg	OCDE 106: Adsp-Desb Batch Equil

12.5. Results of the PBT and vPvB assessment

This material does not contain any substances that are assessed to be a PBT or vPvB.

12.6. Endocrine disrupting properties

This material does not contain any substances that are assessed to be an endocrine disruptor for environmental effects.

12.7. Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of contents/ container in accordance with the local/ regional/ national/ international regulations.

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Empty drums/ barrels/ containers used for transporting and handling hazardous chemicals (chemical substances/ mixtures/ preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.
The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of the manufacturer, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC-2000/532/CE and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor

EU waste code (product as sold)

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

14. TRANSPORTATION INFORMATION

Not regulated for transportation.

15. REGULATORY INFORMATION

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

Carcinogenicity

Identification	Classification	Regulation
Carbon black CAS: 1333-86-4	Grp. 2: Possible human carc.	International Agency for Research on Cancer
Titanium dioxide CAS: 13463-67-7	Grp. 2: Possible human carc.	International Agency for Research on Cancer

Global inventory status

Contact manufacturer for more information

15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out for this mixture. Chemical safety assessments for the contained substances may have been carried out by the registrants of the substances in accordance with Regulation (EC) No 1907/2006, as amended.

16. OTHER INFORMATION

List of relevant H statements

EUH066	Repeated exposure may cause skin dryness or cracking.
EUH071	Corrosive to the respiratory tract.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.

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H331	Toxic if inhaled.
H332	Harmful if inhaled.
H351i	Suspected of causing cancer by inhalation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

Revision information:
No revision information.