

SAFETY DATA SHEET

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



Revision date: 15-Jun-2022

Revision Number: 1

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

1.1. Product identifier

Product Name: Conti Renolith weiss
Article number: 022110360514
UFI: 0AFH-RC7G-K60Y-6GPU

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

Product categories [PC]: PC9 - Coatings and paints, fillers, putties, thinners
Sector of uses [SU]: SU19 - Building and construction work

1.3. Details of the supplier of the safety data sheet

Supplier: conti coatings GmbH & Co. KG
Feldstrasse 55
D - 46149 Oberhausen
Telefon: +49 208/ 9948-0
Telefax: +49 208/ 650625
www.conticoatings.com

E-mail address sds.ob@conticoatings.com

1.4. Emergency telephone number

Emergency Telephone: +49 177 / 214 4737 (24 h)

Emergency Telephone - §45 - (EC)1272/2008	
Europe	112
Austria	+43 1 406 43 43 (Giftinformationszentrale)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Flammable liquids	Category 3 - (H226)
Chronic aquatic toxicity	Category 4 - (H413)

2.2. Label elements



Signal word: Warning

Hazard statements:

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H226 - Flammable liquid and vapor.

H413 - May cause long lasting harmful effects to aquatic life.

EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

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

P233 - Keep container tightly closed

P273 - Avoid release to the environment

P403 + P235 - Store in a well-ventilated place. Keep cool

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

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

P370 + P378 - In case of fire: Use dry chemical, CO₂, water spray or alcohol-resistant foam to extinguish

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

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	CAS No	EC No	REACH registration number	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Weight-%
Heptane, 2,2,4,6,6-pentamethyl-	13475-82-6	236-757-0	01-2119490725-29	Asp. Tox. 1 (H304) Aquatic Chronic 4 (H413)	25 - < 50
Titanium dioxide	13463-67-7	236-675-5	01-2119489379-17		10 - < 25
Kieselguhr, soda ash flux-calcined	68855-54-9	272-489-0	01-2119488518-22	STOT RE 2 (H373)	10 - < 25
Calcium carbonate	471-34-1	207-439-9	-		5 - < 10
Talc (Mg ₃ H ₂ (SiO ₃) ₄)	14807-96-6	238-877-9	-		3 - < 5
2-(2-Butoxyethoxy)ethyl dihydrogen phosphate, compound with N,N-dimethylcyclohexylamine	94200-24-5	303-499-6	-	Acute Tox. 4 (H302)	1 - < 3
Silica, cristobalite	14464-46-1	238-455-4	-	STOT RE 1 (H372)	1 - < 3
Bentonite	1302-78-9	215-108-5	[4]		0.5 - < 1
Quartz	14808-60-7	238-878-4	-	[B]	0.005 - < 0.01

NOTE [4] - This substance is exempted from registration according to the provisions of Article 2(7)(a) and Annex IV of REACH
[B] - Substance with a Community workplace exposure limit

Acute Toxicity Estimate:

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATE_{mix}) for classifying a mixture based on its components

Chemical name	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapor - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Heptane,	5001	5001	No data available	No data available	No data available

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2,2,4,6,6-pentamethyl- 13475-82-6					
Titanium dioxide 13463-67-7	10010	No data available	7	No data available	No data available
Kieselguhr, soda ash flux-calcined 68855-54-9	2002	No data available	3	No data available	No data available
Calcium carbonate 471-34-1	6450	2000	3	No data available	No data available
Talc (Mg ₃ H ₂ (SiO ₃) ₄) 14807-96-6	> 5000	No data available	No data available	No data available	No data available
2-(2-Butoxyethoxy)ethyl dihydrogen phosphate, compound with N,N-dimethylcyclohexylamine 94200-24-5	500	No data available	No data available	No data available	No data available
Bentonite 1302-78-9	5005	No data available	No data available	No data available	No data available

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

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

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:	Remove to fresh air.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area.
Skin contact:	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Ingestion:	Rinse mouth.
Self-protection of the first aider:	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information.

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

Symptoms: No information available.

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

Note to physicians: Treat symptomatically.

SECTION 5: Firefighting measures

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5.1. Extinguishing media

Suitable Extinguishing Media: Dry chemical. Carbon dioxide (CO₂). Water spray. Alcohol resistant foam.

Large Fire: CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media: Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical: Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters: Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

Other information: Ventilate the area.

For emergency responders: Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions: Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

6.3. Methods and material for containment and cleaning up

Methods for containment: Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods for cleaning up: Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

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

6.4. Reference to other sections

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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:

Use personal protection equipment. Avoid contact with skin and eyes. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions.

General hygiene considerations:

Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions:

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

7.3. Specific end use(s)

Other information:

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits:

Chemical name	European Union	Germany	Netherlands	Spain	United Kingdom	Hungary
Titanium dioxide 13463-67-7		TWA: 1.25 mg/m ³ TWA: 10 mg/m ³		TWA: 10 mg/m ³	TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³	
Kieselguhr, soda ash flux-calcined 68855-54-9		TWA: 0.3 mg/m ³				
Talc (Mg ₃ H ₂ (SiO ₃) ₄) 14807-96-6		TWA: 1.25 mg/m ³ TWA: 10 mg/m ³	TWA: 0.25 mg/m ³	TWA: 2 mg/m ³	TWA: 1 mg/m ³ STEL: 3 mg/m ³	TWA: 2 mg/m ³
Silica, cristobalite 14464-46-1	TWA: 0.1 mg/m ³		TWA: 0.075 mg/m ³	TWA: 0.05 mg/m ³	TWA: 0.1 mg/m ³ STEL: 0.3 mg/m ³	TWA: 0.1 mg/m ³
Bentonite				TWA: 1 mg/m ³		

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Chemical name	European Union	Germany	Netherlands	Spain	United Kingdom	Hungary
1302-78-9						
Quartz 14808-60-7	TWA: 0.1 mg/m ³		TWA: 0.075 mg/m ³	TWA: 0.05 mg/m ³	TWA: 0.1 mg/m ³ STEL: 0.3 mg/m ³	TWA: 0.1 mg/m ³

Chemical name	France	Italy	Portugal	Finland	Denmark	Czech Republic
Heptane, 2,2,4,6,6-pentamethyl- 13475-82-6	TWA: 1000 mg/m ³ STEL: 1500 mg/m ³					
Titanium dioxide 13463-67-7	TWA: 10 mg/m ³		TWA: 10 mg/m ³		TWA: 6 mg/m ³	
Calcium carbonate 471-34-1	TWA: 10 mg/m ³		TWA: 10 mg/m ³			
Talc (Mg ₃ H ₂ (SiO ₃) ₄) 14807-96-6			TWA: 2 mg/m ³	TWA: 0.5 fiber/cm ³ TWA: 2 mg/m ³ TWA: 1 mg/m ³	TWA: 0.3 fiber/cm ³	TWA: 2.0 mg/m ³
Silica, cristobalite 14464-46-1	TWA: 0.05 mg/m ³	TWA: 0.1 mg/m ³	TWA: 0.025 mg/m ³	TWA: 0.05 mg/m ³	TWA: 0.15 mg/m ³ TWA: 0.05 mg/m ³	TWA: 0.1 mg/m ³
Bentonite 1302-78-9						TWA: 6.0 mg/m ³
Quartz 14808-60-7	TWA: 0.1 mg/m ³	TWA: 0.1 mg/m ³	TWA: 0.025 mg/m ³	TWA: 0.05 mg/m ³	TWA: 0.3 mg/m ³ TWA: 0.1 mg/m ³	TWA: 0.1 mg/m ³

Chemical name	Austria	Switzerland	Poland	Norway	Ireland	Russia
Heptane, 2,2,4,6,6-pentamethyl- 13475-82-6				TWA: 40 ppm TWA: 275 mg/m ³ STEL: 60 ppm STEL: 343.75 mg/m ³		
Titanium dioxide 13463-67-7	TWA: 5 mg/m ³ STEL 10 mg/m ³	TWA: 3 mg/m ³	STEL: 30 mg/m ³ TWA: 10 mg/m ³	TWA: 5 mg/m ³ STEL: 10 mg/m ³	TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³	TWA: 10 mg/m ³
Kieselguhr, soda ash flux-calcined 68855-54-9	TWA: 0.3 mg/m ³	TWA: 0.3 mg/m ³	TWA: 2 mg/m ³ TWA: 1 mg/m ³		TWA: 1.2 mg/m ³ STEL: 3.6 mg/m ³	
Calcium carbonate 471-34-1		TWA: 3 mg/m ³	TWA: 10 mg/m ³			
Talc (Mg ₃ H ₂ (SiO ₃) ₄) 14807-96-6	TWA: 2 mg/m ³	TWA: 3 mg/m ³	TWA: 4 mg/m ³ TWA: 1 mg/m ³	TWA: 6 mg/m ³ TWA: 2 mg/m ³ STEL: 12 mg/m ³ STEL: 4 mg/m ³	TWA: 10 mg/m ³ TWA: 0.8 mg/m ³ STEL: 30 mg/m ³ STEL: 2.4 mg/m ³	
Silica, cristobalite 14464-46-1	TWA: 0.05 mg/m ³	TWA: 0.15 mg/m ³	TWA: 0.1 mg/m ³	TWA: 0.05 mg/m ³ TWA: 0.1 mg/m ³ TWA: 0.15 mg/m ³ STEL: 0.15 mg/m ³ STEL: 0.45 mg/m ³ STEL: 0.3 mg/m ³	TWA: 0.1 mg/m ³ STEL: 0.3 mg/m ³	TWA: 1 mg/m ³ MAC: 3 mg/m ³
Quartz 14808-60-7	TWA: 0.05 mg/m ³	TWA: 0.15 mg/m ³	TWA: 0.1 mg/m ³	TWA: 0.05 mg/m ³ TWA: 0.1 mg/m ³ TWA: 0.3 mg/m ³ STEL: 0.9 mg/m ³ STEL: 0.15 mg/m ³ STEL: 0.3 mg/m ³	TWA: 0.1 mg/m ³ STEL: 0.3 mg/m ³	TWA: 1 mg/m ³ MAC: 3 mg/m ³

Biological occupational exposure limits:

Chemical name	Austria	Switzerland	Poland	Norway	Ireland	Russia
Quartz	(-)		-	-	-	

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Chemical name	Austria	Switzerland	Poland	Norway	Ireland	Russia
14808-60-7						

Derived No Effect Level (DNEL):

component information:

Worker - inhalative:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Kieselguhr, soda ash flux-calcined	0.05 mg/m ³			
Calcium carbonate			6.36 mg/m ³	
Talc (Mg ₃ H ₂ (SiO ₃) ₄)	2.16 mg/m ³	2.16 mg/m ³	3.6 mg/m ³	3.6 mg/m ³

Worker - dermal:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Talc (Mg ₃ H ₂ (SiO ₃) ₄)	43.2 mg/kg bw/day		4.54 mg/cm ²	

Consumer - inhalative:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Kieselguhr, soda ash flux-calcined	0.05 mg/m ³			
Calcium carbonate			1.06 mg/m ³	
Talc (Mg ₃ H ₂ (SiO ₃) ₄)	1.08 mg/m ³	1.08 mg/m ³	1.8 mg/m ³	1.8 mg/m ³

Consumer - dermal:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Talc (Mg ₃ H ₂ (SiO ₃) ₄)	21.6 mg/kg bw/day		2.27 mg/cm ²	

consumer - oral:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Kieselguhr, soda ash flux-calcined	18.7 mg/kg bw/day			
Calcium carbonate	6.1 mg/kg bw/day	6.1 mg/kg bw/day		
Talc (Mg ₃ H ₂ (SiO ₃) ₄)	160 mg/kg bw/day	160 mg/kg bw/day		

Predicted No Effect Concentration (PNEC):

component information:

Chemical name	Kieselguhr, soda ash flux-calcined CAS: 68855-54-9
Sewage treatment	100 mg/L
Chemical name	Calcium carbonate CAS: 471-34-1

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Sewage treatment	100 mg/L
Chemical name	Talc (Mg₃H₂(SiO₃)₄) CAS: 14807-96-6
Freshwater	597.97 mg/L
Marine water	141.26 mg/L
Freshwater (intermittent release)	597.97 mg/L
Marine water (intermittent release)	141.26 mg/L
Freshwater sediment	31.33 mg/kg sediment dw
Marine sediment	3.13 mg/kg sediment dw
Air	10 mg/m ³

8.2. Exposure controls

Engineering controls: None under normal use conditions.

Personal protective equipment: The usual precautionary measures for the handling of chemicals have to be observed.



Eye/face protection: Tight sealing safety goggles.

Hand protection: Wear suitable gloves. Impervious gloves.

PPE - Glove material	Glove thickness	Break through time
NBR (Nitrile rubber)	0.4 mm	>=480 min.

Skin and body protection: Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots.

Respiratory protection: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Recommended Filter Type: Filtering device (full mask or mouthpiec) with filter: AP-2

Environmental exposure controls: No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance: Liquid
Color: white
Odor: characteristic

	Conditions	Method	Remarks
Melting point / melting range			Not established
Boiling point / boiling range	> 100 °C		
Flammability			Not established
Decomposition temperature			not relevant
Flash point	~ 45 °C		
Autoignition temperature			None known
Lower explosive limit			not relevant
Upper explosion limit			not relevant

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Vapor pressure	>	1100	hPa	50 °C	
Density	~	1.350	g/cm ³	20 °C	
Water solubility					Immiscible
pH					not applicable
pH (as aqueous solution)					Not established
Partition coefficient					Not established
Kinematic viscosity	>	21	mm ² /s	40 °C	
Odor threshold					Not established
Relative density					Not established
Evaporation rate					Not established
Relative vapor density		no data available			
Particle Size		no data available			
Particle Size Distribution		no data available			

9.2. Other information

Bulk density:	no data available
Softening point	No information available
Molecular weight	No information available

9.2.1. Information with regard to physical hazard classes:

Explosive properties	Not an explosive
Oxidizing properties	Not oxidising.

9.2.2. Other safety characteristics: No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity: No information available.

10.2. Chemical stability

Stability: Stable under normal conditions.

Explosion data:

Sensitivity to mechanical impact:	None.
Sensitivity to static discharge:	Yes.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions: None under normal processing.

10.4. Conditions to avoid

Conditions to avoid: Heat, flames and sparks.

10.5. Incompatible materials

Incompatible materials: None known based on information supplied.

10.6. Hazardous decomposition products

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Hazardous decomposition products: None known based on information supplied.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Information on likely routes of exposure:

Product Information:	The product has not been tested
Inhalation:	Specific test data for the substance or mixture is not available.
Eye contact:	Specific test data for the substance or mixture is not available.
Skin contact:	Specific test data for the substance or mixture is not available.
Ingestion:	Specific test data for the substance or mixture is not available.

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 (oral): 10,337.20 mg/kg
ATEmix (inhalation-dust/mist): 22.60 mg/l

Component Information:

Chemical name	Parameter	Species	effective Dosis	Method
Heptane, 2,2,4,6,6-pentamethyl- 13475-82-6	Oral LD50	Rat	> 5000 mg/kg	
Titanium dioxide 13463-67-7	Oral LD50	Rat	> 10000 mg/kg	
Kieselguhr, soda ash flux-calcined 68855-54-9	Oral LD50	Rat	> 2000 mg/kg	OECD 401
Calcium carbonate 471-34-1	Oral LD50	Rat	6450 mg/kg	
Bentonite 1302-78-9	Oral LD50	Rat	> 5000 mg/kg	

Chemical name	Parameters	Species	Effective dose	Method
Heptane, 2,2,4,6,6-pentamethyl- 13475-82-6	Dermal LD50	Rabbit	> 5000 mg/kg	

Chemical name	Parameters	Species	Effective dose	Exposure time	Method
Heptane, 2,2,4,6,6-pentamethyl- 13475-82-6	Inhalation LC50	Rat	> 4951 mg/m ³	4 h	
Titanium dioxide 13463-67-7	Inhalation LD50	Rat	> 6.82 mg/L	4 h	

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Chemical name	Parameters	Species	Effective dose	Exposure time	Method
Kieselguhr, soda ash flux-calcined 68855-54-9	Inhalation LC50	Rat	> 2.6 mg/L		OECD 403

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

Skin corrosion/irritation:	No information available.
Serious eye damage/eye irritation:	No information available.
Respiratory or skin sensitization:	No information available.
Germ cell mutagenicity:	No information available.
Carcinogenicity:	Based on available data, the classification criteria are not met.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	European Union
Titanium dioxide	Carc. 2

Reproductive toxicity:	No information available.
STOT - single exposure:	No information available.
STOT - repeated exposure:	No information available.

Chemical name	Exposure route	Target Organs
Kieselguhr, soda ash flux-calcined 68855-54-9	Inhalation	lung
Silica, cristobalite 14464-46-1	Inhalation	lung

Aspiration hazard:	No information available.
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11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No information available.

11.2.2. Other information

No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity: May cause long lasting harmful effects to aquatic life.

fish toxicity:

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Chemical name	Parameter	Species	Effective dose	Exposure time	Method
Heptane, 2,2,4,6,6-pentamethyl- 13475-82-6	LC50	Danio rerio	> 1000 mg/L	96 h	
Bentonite 1302-78-9	LC50	Oncorhynchus mykiss Salmo gairdneri	19000 mg/L 8.0 - 19.0 g/L	96 h	

toxicity to crustacea:

Chemical name	Parameter	Species	Effective dose	Exposure time	Method
Heptane, 2,2,4,6,6-pentamethyl- 13475-82-6	EL50	Daphnia magna	> 1000 mg/L	48 h	

Algae Toxicity:

Chemical name	Parameter	Species	Effective dose	Exposure time	Method
Heptane, 2,2,4,6,6-pentamethyl- 13475-82-6	EL50	Pseudokirchneriella subcapitata	> 1000 mg/L	72 h	

12.2. Persistence and degradability

Persistence and degradability:

Chemical name	degradation rate	test duration	Rapidly biodegradable	Remarks	Method
Titanium dioxide 13463-67-7	0 %		No		

12.3. Bioaccumulative potential

Bioaccumulation: No information available

12.4. Mobility in soil

Mobility in soil: No information available.

Mobility: No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment:

Chemical name	PBT and vPvB assessment
Heptane, 2,2,4,6,6-pentamethyl- 13475-82-6	The substance is not PBT / vPvB
Titanium dioxide 13463-67-7	The substance is not PBT / vPvB
Kieselguhr, soda ash flux-calcined 68855-54-9	PBT assessment does not apply

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Calcium carbonate 471-34-1	The substance is not PBT / vPvB PBT assessment does not apply
Talc (Mg ₃ H ₂ (SiO ₃) ₄) 14807-96-6	The substance is not PBT / vPvB

12.6. Endocrine disrupting properties.

No information available.

12.7. Other adverse effects.

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products: Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging: Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

Waste codes / waste designations according to EWC / AVV: 08 01 11* (Waste paint and varnish containing organic solvents or other dangerous substances)

SECTION 14: Transport information

14.1. UN number

ADR: UN1263
RID: UN1263
IMDG: UN1263
IATA: UN1263

14.2 UN proper shipping name

ADR: PAINT
UN1263, PAINT, 3, III

RID: PAINT
UN1263, PAINT, 3, III

IMDG: PAINT
UN1263, PAINT, 3, III, (45°C C.C.)

IATA: PAINT
UN1263, PAINT, 3, III

14.3. Transport hazard class(es)

ADR: 3
Hazard label(s) 3
Classification code F1
Hazard identification number 30

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(Kemler No.)
Tunnel restriction code (D/E)
Limited quantity (LQ) 5 L
Excepted quantity E1

RID: 3
Labels 3
Classification code F1

IMDG: 3
Hazard label(s) 3
Limited quantity (LQ) 5 L
Excepted quantity E1
EmS-No F-E, S-E

IATA: 3
Hazard label(s) 3
Excepted quantity E1

14.4. Packing group

ADR: III
RID: III
IMDG: III
IATA: III

14.5. Environmental hazards

ADR: No
RID: No
IMDG: no marine pollutant
IATA: No

14.6. Special precautions for user

ADR:
Special Provisions: 163, 650, 367
Note: 2.2.3.1.5.1: n. a. < 450 L
RID:
Special Provisions: 163, 650, 367
IMDG:
Special Provisions: 163, 223, 367, 955
IATA:
Special Provisions: A3, A72, A192
ERG Code 3L

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

No information available

SECTION 15: Regulatory information

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

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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

Authorizations and/or restrictions on use:

- This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Chemical name	Substance subject to authorization per REACH Annex XIV	Restricted substance per REACH Annex XVII
Titanium dioxide 13463-67-7		75.
Calcium carbonate 471-34-1		75.

Persistent Organic Pollutants: Not applicable

Dangerous substance category per Seveso Directive (2012/18/EU):

- P5a - FLAMMABLE LIQUIDS
- P5b - FLAMMABLE LIQUIDS
- P5c - FLAMMABLE LIQUIDS

Ozone-depleting substances (ODS) regulation (EC) 1005/2009: Not applicable

EU - Plant Protection Products (1107/2009/EC):

Chemical name	EU - Plant Protection Products (1107/2009/EC)
Calcium carbonate 471-34-1	The conclusions of the renewal report on Calcium carbonate, and in particular Appendices I and II thereto, shall be taken into account (Commission Implementing Regulation 2021/1448/EU, listed under part D)
Talc (Mg ₃ H ₂ (SiO ₃) ₄) 14807-96-6	Talc E553B shall be used in accordance with the specific conditions included in the conclusions of the review report on Talc E553B (SANTE/11639/2017) and in particular Appendices I and II thereof (listed under part C)
Bentonite 1302-78-9	Clayed charcoal shall be used in accordance with the specific conditions included in the conclusions of the review report on clayed charcoal (SANTE/11267/2016) and in particular Appendices I and II thereof (listed under part C, Clayed charcoal)
Quartz 14808-60-7	Only uses as repellent may be authorised (sand; <=0.1% of particles of crystalline Silica with diameter <50 µm; important details in Commission Implementing Regulation 2021/745/EU, listed under part A); Conditions of use shall include, where appropriate, risk mitigation measures (sand; <=0.1% of particles of crystalline Silica with diameter <50 µm; important details in Commission Implementing Regulation 2021/745/EU, listed under part A)

Biocidal Products Regulation (EU) No 528/2012 (BPR):

Chemical name	Biocidal Products Regulation (EU) No 528/2012 (BPR)
Bentonite 1302-78-9	Category 7

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volatile organic compounds (VOC) content:
 acc. reg. 2010/75/EG: 32.3 %
 acc. reg. 2004/42/EG (Decopaint): 436 g/L

National regulations:

Denmark:

Chemical name	Denmark - MAL
Titanium dioxide 13463-67-7	0 m3/10 g substance MAL factor >=0.1 - 5 % by weight [3] >=5 % by weight [6] >0 % by weight [1]
Silica, cristobalite 14464-46-1	0 m3/10 g substance MAL factor 0.1 mg/m ³ Limit Value respirable >=0.1 - 2 % by weight [3] >=1 - 10 % by weight [3] >=10 % by weight [6] >=2 % by weight [6]
Quartz 14808-60-7	0 m3/10 g substance MAL factor 0.1 mg/m ³ Limit Value respirable >=0.1 - 2 % by weight [3] >=1 - 10 % by weight [3] >=10 % by weight [6] >=2 % by weight [6]

Germany:

Water hazard class (WGK): obviously hazardous to water (WGK 2) - Classification according to AwSV

Chemical name	WGK Classification (AwSV)	ID number
Heptane, 2,2,4,6,6-pentamethyl- 13475-82-6	2	-
Titanium dioxide 13463-67-7	nwg	1345
Kieselguhr, soda ash flux-calcined 68855-54-9	nwg	854
Calcium carbonate 471-34-1	nwg	317
Talc (Mg3H2(SiO3)4) 14807-96-6	nwg	1315
2-(2-Butoxyethoxy)ethyl dihydrogen phosphate, compound with N,N-dimethylcyclohexylamine 94200-24-5	1	-
Silica, cristobalite 14464-46-1	nwg	849
Bentonite 1302-78-9	1	-
Quartz 14808-60-7	nwg	849

TA Luft (German Air Pollution Control Regulation):
 total dust incl. fine dust (digit 5.2.1): 45 - 50%
 inorg. subst. dust (digit 5.2.2) class III: < 5%

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org. substances (Ziffer 5.2.5): 30 - 35%
org. subst. dust (digit 5.2.5): < 5%

Storage class (TRGS 510): LGK 3 - Flammable liquids

France:

Occupational Illnesses (R-463-3, France):

Chemical name	French RG number
Talc (Mg ₃ H ₂ (SiO ₃) ₄) 14807-96-6	RG 25
Silica, cristobalite 14464-46-1	RG 25
Quartz 14808-60-7	RG 25

RG 25 - Conditions resulting from inhalation of mineral dusts containing crystalline silica (quartz, cristobalite, tridymite), crystalline silicates (kaolin, talc), graphite, or coal.

Netherlands:

Chemical name	Silica, cristobalite
Netherlands - List of Carcinogens	Present X

Chemical name	Quartz
Netherlands - List of Carcinogens	Present X

Water contaminating class (Netherlands): A (4)

Austria:

Flammable Liquids Regulations, VbF: Flammable liquids All

Switzerland:

VOC content:: acc. VOCV CH 814.018, att. 1: 32.3 %

International Inventories:

TSCA	Does not comply
DSL/NDSL	Does not comply
EINECS/ELINCS	Does not comply
ENCS	Does not comply
IECSC	Does not comply
KECL	Does not comply
PICCS	Does not comply
AICS	Does not comply

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

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- ENCS** - Japan Existing and New Chemical Substances
- IECSC** - China Inventory of Existing Chemical Substances
- KECL** - Korean Existing and Evaluated Chemical Substances
- PICCS** - Philippines Inventory of Chemicals and Chemical Substances
- AICS** - Australian Inventory of Chemical Substances

15.2. Chemical safety assessment

Chemical Safety Report: No information available

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:

H302 - Harmful if swallowed

H304 - May be fatal if swallowed and enters airways

H372 - Causes damage to organs through prolonged or repeated exposure

H373 - May cause damage to organs through prolonged or repeated exposure

H413 - May cause long lasting harmful effects to aquatic life

Legend:

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)

ADR: European agreement concerning the international carriage of dangerous goods by road
(Accord européen relatif transport des marchandises dangereuses par route)

AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany)

BCF: Bio-Concentration Factor

BOD(5): Biochemical oxygen demand (within 5 days)

CAS: Chemical Abstract Service

CLP: Classification, Labelling and Packaging

CMR: Carcinogenic, Mutagenic, toxic for Reproduction

DIN: German Standards Institute / German industrial norm

DNEL: Derived No Effect Level

DOC: Dissolved organic carbon

EAK/ AVV: European waste catalogue/ waste directory-regulation

EC50: Effective Concentration 50%

ECHA: European Chemical Agency

EINECS: European Inventory of Existing Commercial Chemical Substances

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

IATA: International Air Transport Association

IC50: Inhibition Concentration 50%

IMDG: International Maritime Dangerous Goods Code

LC50: Lethal Concentration 50% - LD50: Lethal dose 50%

MAK: Treshold limit values Germany

NLP: No Longer Polymers

NOAEC: No Observed Adverse Effect Concentration

NOAEL: No Observed Adverse Effect Level

OECD: Organization for Economic Cooperation and Development

PBT: persistent, bioaccumulative, toxic

PC: Product category

PNEC: Predicted No Effect Concentration

REACH: Registration, Evaluation and Authorization of Chemicals

RID: Regulations concerning the international carriage of dangerous goods by rail

(Règlement International concernant le transport de marchandises dangereuses par chemin de fer)

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STEL: Short-term Exposure Limit
STP: Sewage treatment plant
SVHC: Substance of Very High Concern
TLV: Threshold Limit Value
TWA: Time Weighted Average
UN: United Nations
VOC: Volatile Organic Compounds
vPvB: very persistent, very bioaccumulative

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ceiling: Maximum limit value

* Skin designation

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapor	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitization	Calculation method
Skin sensitization	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	On basis of test data
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

Key literature references and sources for data used to compile the SDS:

European Chemicals Agency (ECHA)

Agency for Toxic Substances and Disease Registry (ATSDR)

U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA)

EPA (Environmental Protection Agency)

Acute Exposure Guideline Level(s) (AEGl(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal

Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)

Japan GHS Classification

Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)

National Library of Medicine's ChemID Plus (NLM CIP)

National Library of Medicine's PubMed database (NLM PUBMED)

National Toxicology Program (NTP)

New Zealand's Chemical Classification and Information Database (CCID)

Organization for Economic Co-operation and Development Environment, Health, and Safety Publications

Organization for Economic Co-operation and Development High Production Volume Chemicals Program

Organization for Economic Co-operation and Development Screening Information Data Set

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RTECS (Registry of Toxic Effects of Chemical Substances)
World Health Organization

Revision date: 02-Sep-2021

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

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End of Safety Data Sheet