

# SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by  
Regulation(EU) No. 2020/878

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

### 1.1 Product identifier

Product name: SNAPSIL™ TSE322-B

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

Identified uses: Coating of electronic parts

Uses advised against: Not known.

### 1.3 Details of the supplier of the safety data sheet

**Manufacturer/Importer/Distributor Information** : Momentive Performance Materials GmbH  
Chempark Leverkusen Gebaeude V7  
DE - 51368 Leverkusen  
Germany

**Contact person** : commercial.services@momentive.com

**Telephone** : General information  
+390510924300 (Customer Service Centre)

### 1.4

**Emergency telephone number** : Europe, Israel & All other: +44 (0) 1235239670; Middle East:+44  
(0) 1235239671

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

The product has been classified according to the legislation in force.

**Classification according to Regulation (EC) No 1272/2008 as amended.**

#### Health Hazards

Specific Target Organ Toxicity - Repeated Exposure - Category 2<sup>1</sup>. H373: May cause damage to organs through prolonged or repeated exposure.

#### Target Organs

1. Lung

### 2.2 Label Elements

Contains: QUARTZ



**SNAPSIL™ TSE322-B**

<b>Signal Words:</b>	Warning
<b>Hazard Statement(s):</b>	H373: May cause damage to organs through prolonged or repeated exposure.
<b>Precautionary Statements</b>	
<b>Prevention:</b>	P260: Do not breathe dust/fume/gas/mist/vapors/spray.
<b>Response:</b>	P314: Get medical advice/attention if you feel unwell.
<b>Disposal:</b>	P501: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Unknown toxicity - Health**

Acute toxicity, oral	0 %
Acute toxicity, dermal	0 %
Acute toxicity, inhalation, vapor	0 %
Acute toxicity, inhalation, dust or mist	0 %

**Hazard summary**

**Physical Hazards:** No data available.

**Health Hazards**

**Inhalation:** None known.

**Eye contact:** May cause eye irritation.

**Skin Contact:** Causes mild skin irritation.

**Ingestion:** None known.

**Other Health Effects:** No data available.

**Environmental Hazards:** No data available.

**Additional Information:** This product is a mixture containing polymer compounds and hazardous substances as listed in Section 3. The relevant hazardous classification according to CLP Directive 1272/2008 is stated in Section 2 of this SDS. Although the preparation is classified as a hazardous preparation, it does not present a danger to human health by inhalation in the form in which it is placed on the market. According to Annex I No. 1.3.4.1 of the Directive 1272/2008, such preparations do not require a label for the hazards through inhalation route.

**SNAPSIL™ TSE322-B**

**2.3 Other hazards**

**PBT/vPvB data**

vPvB: very persistent and very bioaccumulative substance.

**Endocrine disrupting properties-Toxicity**

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**Endocrine disrupting properties-Ecotoxicity**

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**SECTION 3: Composition/information on ingredients**

**Chemical nature:** Polydimethylsiloxane containing vinyl groups, with platinum catalyst, fillers, crosslinker, an inhibitor and pigment(s).

**3.2 Mixtures**

**General information:** No data available.

Chemical name	Concentration	CAS-No.	EC No.	REACH Registration No.	M-Factor:	Notes
QUARTZ	20 - <50%	14808-60-7	238-878-4	Exempt	Not applicable	#
CYCLOSILOXANE ESTER	1 - <5%	113684-56-3	413-690-7	01-0000016083-78-XXXX	Not applicable	
Dodecamethyl cyclohexasiloxane	0,1 - <1%	540-97-6	208-762-8	01-2119517435-42-XXXX	Not applicable	vPvB
Octamethylcyclo tetrasiloxane	0,01 - <0,1%	556-67-2	209-136-7	01-2119529238-36-XXXX	Aquatic Toxicity (Chronic): 10	PBT, vPvB

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

# This substance has workplace exposure limit(s).

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

**Classification**

Chemical name	Classification	Notes
QUARTZ	STOT RE: 2: H373;	
CYCLOSILOXANE ESTER	Aquatic Chronic: 4: H413;	

**SNAPSIL™ TSE322-B**

Dodecamethylcyclohexasiloxane	No data available.	
Octamethylcyclotetrasiloxane	Flam. Liq.: 3: H226; Repr.: 2: H361f; Aquatic Chronic: 1: H410;	

CLP: Regulation No. 1272/2008.

**SECTION 4: First aid measures**

**General:** Get medical attention if symptoms occur.

**4.1 Description of first aid measures**

**Inhalation:** Move to fresh air. Get medical attention.

**Eye contact:** Rinse the eye with water immediately. Get medical attention if symptoms occur.

**Skin Contact:** After contact with skin, remove product mechanically. Wash area with soap and water. Get medical attention if symptoms occur.

**Ingestion:** Do not induce vomiting. Do not give victim anything to drink if he is unconscious. Get medical attention.

**4.2 Most important symptoms and effects, both acute and delayed:** None known.

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

**Hazards:** No information about adverse effects due to exposure.

**Treatment:** If swallowed, do NOT induce vomiting. Give a glass of water.

**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing media:** All standard extinguishing agents are suitable.

**Unsuitable extinguishing media:** Avoid water in straight hose stream; will scatter and spread fire.

**5.2 Special hazards arising from the substance or mixture:** No data available.

**5.3 Advice for firefighters**

**Special fire-fighting procedures:** Keep away from sources of ignition - No smoking. Do not empty into drains.

**Special protective equipment for fire-fighters:** Wear self-contained breathing apparatus and protective clothing.

**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment. Wash skin thoroughly with soap and water. Keep container tightly closed and in a well-ventilated place. Caution: Contaminated surfaces may be slippery.

**SNAPSIL™ TSE322-B**

- 6.2 Environmental Precautions:** Do not allow runoff to sewer, waterway or ground.
- 6.3 Methods and material for containment and cleaning up:** Caution: Contaminated surfaces may be slippery. Sweep up or vacuum up spillage and collect in suitable container for disposal.
- 6.4 Reference to other sections:** Remove sources of ignition. Prevent runoff from entering drains, sewers, or streams.

**SECTION 7: Handling and storage:**

- 7.1 Precautions for safe handling:** Pack only into unbreakable packing materials (no glass containers !) to avoid contact with substances mentioned in Section 10. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Product may charge electrostatically during pouring or filling. Keep away from food, drink and animal feeding stuffs.
- Storage conditions:** Keep away from sources of ignition - No smoking. Keep container tightly closed. Store in original container.
- 7.2 Conditions for safe storage, including any incompatibilities:** Keep container tightly closed in a cool, well-ventilated place.
- Storage Stability:** Material is stable under normal conditions.
- 7.3 Specific end use(s):** No data available.

**SECTION 8: Exposure controls/personal protection**

**8.1 Control Parameters**

**Occupational Exposure Limits**

Chemical name	Type	Exposure Limit Values	Source
QUARTZ - Respirable.	TWA	0,1 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
Calcium Carbonate - Respirable dust.	TWA	4 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (01 2020)
Calcium Carbonate - Inhalable dust.	TWA	10 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (01 2020)
Calcium Carbonate - Respirable.	TWA	4 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
Calcium Carbonate - Inhalable	TWA	10 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
Calcium Carbonate - Inhalable dust.	TWA	10 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
Calcium Carbonate - Respirable dust.	TWA	4 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
Carbon Black	STEL	7 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
	TWA	3,5 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
	STEL	7 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (01 2020)
	TWA	3,5 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (2007)

**Biological Limit Values**

None.

**8.2 Exposure controls**

**Appropriate Engineering Controls:** Eyewash bottle with clean water.

**Individual protection measures, such as personal protective equipment**

**SNAPSIL™ TSE322-B**

<b>General information:</b>	Do not eat, drink or smoke when using the product. Wash hands after handling.
<b>Eye/face protection:</b>	Safety glasses with side-shields conforming to EN166
<b>Skin protection</b>	
<b>Hand Protection:</b>	Advice: There is no risk to health due to contact with the chemical. Use hand protection to prevent mechanically injuries.
<b>Other:</b>	No data available.
<b>Respiratory Protection:</b>	No protection is ordinarily required under normal conditions of use and with adequate ventilation.
<b>Hygiene measures:</b>	Observe good industrial hygiene practices. When using do not eat, drink or smoke. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Avoid contact with eyes, skin, and clothing.
<b>Environmental exposure controls:</b>	No data available.

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**Appearance**

<b>Physical state:</b>	liquid
<b>Form:</b>	liquid
<b>Color:</b>	Black
<b>Odor:</b>	Faint
<b>Odor Threshold:</b>	No data available.
<b>pH:</b>	Not applicable
<b>Freezing point:</b>	Not applicable
<b>Boiling Point:</b>	Not applicable
<b>Flash Point:</b>	ca. 300 °C
<b>Evaporation Rate:</b>	No data available.
<b>Flammability (solid, gas):</b>	No data available.
<b>Flammability Limit - Upper (%):</b>	No data available.
<b>Flammability Limit - Lower (%):</b>	No data available.
<b>Vapor pressure:</b>	No data available.
<b>Relative vapor density:</b>	No data available.
<b>Density:</b>	ca. 1,27 g/cm <sup>3</sup> (25 °C) ca. 1.270 g/cm <sup>3</sup> (25 °C)
<b>Relative density:</b>	No data available.
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	Insoluble
<b>Solubility (other):</b>	No data available.
<b>Partition coefficient (n-octanol/water) Log Pow:</b>	No data available.
<b>Autoignition Temperature:</b>	450 °C
<b>Decomposition Temperature:</b>	No decomposition if stored and applied as directed.
<b>SADT:</b>	No data available.
<b>Viscosity, dynamic:</b>	No data available.

**SNAPSIL™ TSE322-B**

<b>Viscosity, kinematic:</b>	No data available.
<b>Explosive properties:</b>	No data available.
<b>Oxidizing properties:</b>	No data available.

**9.2 Other information**

No data available.

**SECTION 10: Stability and reactivity**

<b>10.1 Reactivity:</b>	No data available.
<b>10.2 Chemical Stability:</b>	Material is stable under normal conditions.
<b>10.3 Possibility of hazardous reactions:</b>	Hazardous polymerization does not occur.
<b>10.4 Conditions to avoid:</b>	No data available.
<b>10.5 Incompatible Materials:</b>	Evolves hydrogen on contact with acids, alkalis, alcohols, powdered metals or, as the case may be, metal oxides.
<b>10.6 Hazardous Decomposition Products:</b>	Carbon oxides Oxides of silicon. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

**SECTION 11: Toxicological information**

**General information:** Our Experience shows that our Silicone Elastomer products can be handled without risk to health if used properly and if the usual precautions for industrial hygiene are observed.

**Information on likely routes of exposure**

<b>Inhalation:</b>	No data available.
<b>Ingestion:</b>	No data available.
<b>Skin Contact:</b>	No data available.
<b>Eye contact:</b>	No data available.

**11.1 Information on toxicological effects**

**Acute toxicity**

**Oral**

<b>Product:</b>	Not classified for acute toxicity based on available data.
<b>Specified substance(s)</b>	
QUARTZ	No data available.
CYCLOSILOXANE ESTER	LD 50 (Rat): 5.000 mg/kg
Dodecamethylcyclohexasiloxane	LD 50 (Rat): 2.000 mg/kg
Octamethylcyclotetrasiloxane	LD 50 (Rat): > 4.800 mg/kg

**Dermal**

<b>Product:</b>	Not classified for acute toxicity based on available data.
<b>Specified substance(s)</b>	
QUARTZ	No data available.
CYCLOSILOXANE	LD 50 (Rat): > 2.000 mg/kg

**SNAPSIL™ TSE322-B**

ESTER  
 Dodecamethylcyclohexasiloxane LD 50 (Rat): 2.000 mg/kg  
 Octamethylcyclotetrasiloxane LD 50 (Rat): > 2.375 mg/kg

**Inhalation**

**Product:** Not classified for acute toxicity based on available data.

**Specified substance(s)**

QUARTZ No data available.  
 CYCLOSILOXANE No data available.  
 ESTER  
 Dodecamethylcyclohexasiloxane No data available.  
 Octamethylcyclotetrasiloxane LC50 (Rat, 4 h): 36 mg/l

**Repeated dose toxicity**

**Product:** No data available.

**Specified substance(s)**

QUARTZ No data available.  
 CYCLOSILOXANE No data available.  
 ESTER  
 Dodecamethylcyclohexasiloxane NOAEL (Rat(male and female), Oral): 1.000 mg/kg  
 Octamethylcyclotetrasiloxane No data available.

**Skin Corrosion/Irritation:**

**Product:** No data available.

**Specified substance(s)**

QUARTZ No data available.  
 CYCLOSILOXANE No data available.  
 ESTER  
 Dodecamethylcyclohexasiloxane OECD-Guideline 404 (Acute Dermal Irritation/Corrosion) (Rabbit, 72 h): No skin irritation  
 Octamethylcyclotetrasiloxane OECD Test Guideline 404 (Rabbit): Non irritating

**Serious Eye Damage/Eye Irritation:**

**Product:** No data available.

**Specified substance(s)**

QUARTZ No data available.  
 CYCLOSILOXANE (Rabbit): No eye irritation  
 ESTER  
 Dodecamethylcyclohexasiloxane OECD-Guideline 405 (Acute Eye Irritation/Corrosion) (Rabbit, 72 h): No eye irritation Not irritating  
 Octamethylcyclotetrasiloxane OECD-Guideline 405 (Acute Eye Irritation/Corrosion) (Rabbit): Non irritating

**Respiratory or Skin**

**Sensitization:**

**Product:** No data available.

**Specified substance(s)**

QUARTZ No data available.  
 CYCLOSILOXANE Magnusson-Kligmann (Guinea Pig): Did not cause sensitization on laboratory animals.  
 ESTER



**SNAPSIL™ TSE322-B**

Dodecamethylcyclohexasiloxane	Maximisation Test, OECD-Guideline 406 (Skin Sensitisation) (Guinea Pig): negative
Octamethylcyclotetrasiloxane	Maximisation Test, OECD-Guideline 406 (Skin Sensitisation) (Guinea Pig): Not sensitizing

**Germ Cell Mutagenicity**

**In vitro**

**Product:** No data available.

**Specified substance(s)**

QUARTZ	No data available.
CYCLOSILOXANE	No data available.
ESTER	
Dodecamethylcyclohexasiloxane	No data available.
Octamethylcyclotetrasiloxane	Ames-Test (OECD-Guideline 471 (Genetic Toxicology: Salmonella typhimurium, Reverse Mutation Assay)): negative (not mutagenic) Mouse Lymphoma Assay (OECD Guideline 476): negative (not mutagenic)

**In vivo**

**Product:** No data available.

**Specified substance(s)**

QUARTZ	No data available.
CYCLOSILOXANE	Micronucleus test Oral (Mouse): negative (not mutagenic)
ESTER	
Dodecamethylcyclohexasiloxane	OECD-Guideline 474 (Genetic Toxicology: Micronucleus Test) (OECD-Guideline 474 (Genetic Toxicology: Micronucleus Test)) Intraperitoneal (Mouse, male and female): negative
Octamethylcyclotetrasiloxane	Chromosomal aberration (OECD 475) Inhalation (Rat, male and female): negative Dominant lethal assay (OECD 478) Oral (Rat, male and female): negative

**Carcinogenicity**

**Product:** No data available.

**Specified substance(s)**

QUARTZ	No data available.
CYCLOSILOXANE	No data available.
ESTER	
Dodecamethylcyclohexasiloxane	No data available.
Octamethylcyclotetrasiloxane	No data available.

**Reproductive toxicity**

**Product:** No data available.

**Specified substance(s)**

QUARTZ	No data available.
CYCLOSILOXANE	No data available.
ESTER	
Dodecamethylcyclohexasiloxane	No data available.
Octamethylcyclotetrasiloxane	No data available.

**Specific Target Organ Toxicity - Single Exposure**

**Product:** No data available.

**Specified substance(s)**

**SNAPSIL™ TSE322-B**

QUARTZ	No data available.
CYCLOSILOXANE	No data available.
ESTER	
Dodecamethylcyclohexas iloxane	No data available.
Octamethylcyclotetrasilox ane	No data available.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** No data available.

**Specified substance(s)**

QUARTZ	No data available.
CYCLOSILOXANE	No data available.
ESTER	
Dodecamethylcyclohexas iloxane	No data available.
Octamethylcyclotetrasilox ane	No data available.

**Aspiration Hazard**

**Product:** No data available.

**Specified substance(s)**

QUARTZ	No data available.
CYCLOSILOXANE	No data available.
ESTER	
Dodecamethylcyclohexas iloxane	No data available.
Octamethylcyclotetrasilox ane	No data available.

**11.2 Information on other hazards**

**Endocrine disrupting properties**

**Product:** The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.;

**Components:**

QUARTZ	No data available.
CYCLOSILOXANE	No data available.
ESTER	
Dodecamethylcyclohexa siloxane	No data available.
Octamethylcyclotetrasilox ane	No data available.

**Other effects:** No data available.

**SECTION 12: Ecological information**

**12.1 Toxicity**

**Acute toxicity**

**Fish**

**Product:** No data available.

**Specified substance(s)**

QUARTZ	No data available.
--------	--------------------

**SNAPSIL™ TSE322-B**

CYCLOSILOXANE ESTER	No data available.
Dodecamethylcyclohexas iloxane	No data available.
Octamethylcyclotetrasilox ane	No toxicity at the limit of solubility ; LC50 (Oncorhynchus mykiss, 96 h): > 0,022 mg/l

**Aquatic Invertebrates**

**Product:** No data available.

**Specified substance(s)**

QUARTZ	No data available.
CYCLOSILOXANE ESTER	EC50 (Daphnia magna, 48 h): > 8 mg/l
Dodecamethylcyclohexas iloxane	No data available.
Octamethylcyclotetrasilox ane	No toxicity at the limit of solubility ; EC50 (Daphnia magna, 48 h): > 0,015 mg/l

**Chronic Toxicity**

**Fish**

**Product:** No data available.

**Specified substance(s)**

QUARTZ	No data available.
CYCLOSILOXANE ESTER	No data available.
Dodecamethylcyclohexas iloxane	No toxicity at the limit of solubility ; NOEC (Oncorhynchus mykiss, 91 d): 0,014 mg/l
Octamethylcyclotetrasilox ane	No toxicity at the limit of solubility ; NOEC (Oncorhynchus mykiss, 93 d): >= 0,0044 mg/l

**Aquatic Invertebrates**

**Product:** No data available.

**Specified substance(s)**

QUARTZ	No data available.
CYCLOSILOXANE ESTER	No data available.
Dodecamethylcyclohexas iloxane	No toxicity at the limit of solubility ; NOEC (Daphnia magna, 21 d): 0,0046 mg/l EC50 (Sediment Invertebrate, 28 d): > 420 mg/l LOEC (Sediment Invertebrate, 28 d): >= 420 mg/l
Octamethylcyclotetrasilox ane	No toxicity at the limit of solubility ; NOEC (Daphnia magna, 21 d): > 0,015 mg/l

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Specified substance(s)**

QUARTZ	No data available.
CYCLOSILOXANE ESTER	No data available.
Dodecamethylcyclohexas iloxane	No effects at the limit of solubility. ; EC50 (Algae (Pseudokirchneriella subcapitata), 72 h): > 0,002 mg/l (OECD Test Guideline 201) No effects at the limit of solubility. ; NOEC (Algae (Pseudokirchneriella subcapitata), 72 h): >= 0,002 mg/l (OECD Test Guideline 201)
Octamethylcyclotetrasilox ane	No toxicity at the limit of solubility ; ErC50 (Selenastrum capricornutum, 96 h): > 0,022 mg/l

**12.2 Persistence and Degradability**

**SNAPSIL™ TSE322-B**

**Biodegradation**

**Product:** No data available.

**Specified substance(s)**

QUARTZ No data available.  
 CYCLOSILOXANE No data available.  
 ESTER  
 Dodecamethylcyclohexas  
 iloxane No data available.  
 Octamethylcyclotetrasilox  
 ane (29 d, 310 Ready Biodegradability - CO<sub>2</sub> in Sealed Vessels (Headspace  
 Test)): 3,7 % Persistent Not readily biodegradable.

**BOD/COD Ratio**

**Product** No data available.

**Specified substance(s)**

QUARTZ No data available.  
 CYCLOSILOXANE No data available.  
 ESTER  
 Dodecamethylcyclohexas  
 iloxane No data available.  
 Octamethylcyclotetrasilox  
 ane No data available.

**12.3 Bioaccumulative potential**

**Product:** No data available.

**Specified substance(s)**

QUARTZ No data available.  
 CYCLOSILOXANE No data available.  
 ESTER  
 Dodecamethylcyclohexas  
 iloxane No data available.  
 Octamethylcyclotetrasilox  
 ane Bioconcentration Factor (BCF): 12.400

**12.4 Mobility in soil:**

No data available.

**Known or predicted distribution to environmental compartments**

QUARTZ No data available.  
 CYCLOSILOXANE ESTER No data available.  
 Dodecamethylcyclohexasilo  
 xane No data available.  
 Octamethylcyclotetrasiloxa  
 ne No data available.

**12.5 Results of PBT and vPvB  
 assessment:**

vPvB: very persistent and very bioaccumulative substance.

QUARTZ No data available.  
 CYCLOSILOXANE ESTER No data available.

**SNAPSIL™ TSE322-B**

Dodecamethylcyclohexasiloxane	vPvB: very persistent and very bioaccumulative substance.	Dodecamethylcyclohexasiloxane (D6) meets the current EU REACH Annex XIII criteria for vPvB and has been added to the candidate list for Substances of very high concern (SVHC)., <i>However our understanding of the available science is that D6 does not behave similarly to known PBT/vPvB substances. The silicones industries interpretation of the available data is that the weight of scientific evidence from field studies shows that D6 is not biomagnifying in aquatic and terrestrial food webs. D6 in air will degrade by naturally occurring reactions in the atmosphere. Any D6 in air that does not degrade by these reactions is not expected to deposit from the air to water, to land, or to living organisms</i>
Octamethylcyclotetrasiloxane	Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB)	Octamethylcyclotetrasiloxane (D4) meets the current EU REACH Annex XIII criteria for PBT and vPvB and has been added to the candidate list for Substances of very high concern (SVHC)., <i>However our understanding of the available science is that D4 does not behave similarly to known PBT/vPvB substances. The silicones industries interpretation of the available data is that the weight of scientific evidence from field studies shows that D4 is not biomagnifying in aquatic and terrestrial food webs. D4 in air will degrade by naturally occurring reactions in the atmosphere. Any D4 in air that does not degrade by these reactions is not expected to deposit from the air to water, to land, or to living organisms.</i>

**12.6 Endocrine disrupting properties:**

<b>Product:</b>	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
<b>Components:</b>	
QUARTZ	No data available.
CYCLOSILOXANE	No data available.
ESTER	
Dodecamethylcyclohexasiloxane	No data available.
Octamethylcyclotetrasiloxane	No data available.

**12.7 Other adverse effects:**

<b>Other hazards</b>	
<b>Product:</b>	No data available.
<b>Additional Information:</b>	Ecotoxicological data for this product is not available.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**SNAPSIL™ TSE322-B**

**General information:** The generation of waste should be avoided or minimized wherever possible. See Section 8 for information on appropriate personal protective equipment. Do not discharge into drains, water courses or onto the ground.

**Disposal methods:** Can be incinerated when in compliance with local regulations.

**SECTION 14: Transport information**

**ADR**

Not regulated.

**ADN**

Not regulated.

**RID**

Not regulated.

**IMDG**

Not regulated.

**IATA**

Not regulated.

**14.6 Special precautions for user:** Keep away from food, drink and animal feeding stuffs. This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

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

Not applicable

**SECTION 15: Regulatory information**

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

**EU Regulations**

**Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex I, Controlled Substances:** none

**Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex II, New Substances:** none

**EU. Regulation 2019/1021/EU on persistent organic pollutants (POPs) (recast), as amended:** none

**Regulation (EC) No. 649/2012 Import and export of dangerous chemicals:** none

**Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended:** none

**EU. REACH Candidate List of Substances of Very High Concern for Authorization (SVHC):**

**SNAPSIL™ TSE322-B**

Chemical name	CAS-No.	Concentration
Dodecamethylcyclohexasiloxane	540-97-6	0 - <=0,11%

**Regulation (EC) No. 1907/2006 Annex XVII Substances subject to restriction on marketing and use:**  
 none

**Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens and mutagens at work.:**

Chemical name	CAS-No.	Concentration
QUARTZ	14808-60-7	20 - 30%

**Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breast feeding.:**

Chemical name	CAS-No.	Concentration
QUARTZ	14808-60-7	20 - 30%

**EU. Directive 2012/18/EU (SEVESO III) on major accident hazards involving dangerous substances, Annex I:** None present or none present in regulated quantities.

**EU. Regulation No. 166/2006 PRTR (Pollutant Release and Transfer Registry), Annex II: Pollutants:**

Chemical name	CAS-No.	Concentration
Calcium Carbonate	471-34-1	1,0 - 10%
Carbon Black	1333-86-4	0,1 - 1,0%

**Directive 98/24/EC on the protection of workers from the risks related to chemical agents at work:**  
 none

**15.2 Chemical safety assessment:**

No Chemical Safety Assessment has been carried out.

**Inventory Status**

Australia AICS:	n (negative listing)	Remarks: None.
EU EINECS List:	y (positive listing)	Remarks: None.
Japan (ENCS) List:	y (positive listing)	Remarks: None.
China Inventory of Existing Chemical Substances:	y (positive listing)	Remarks: None.
Korea Existing Chemicals Inv. (KECI):	y (positive listing)	Remarks: None.
Canada DSL Inventory List:	n (negative listing)	Remarks: None.
Canada NDSL Inventory:	n (negative listing)	Remarks: None.
Philippines PICCS:	y (positive listing)	Remarks: None.
US TSCA Inventory:	y (positive listing)	Remarks: On TSCA Inventory
Taiwan. Taiwan inventory (CSNN):	y (positive listing)	Remarks: None.

**REACH:** **SNAPSIL™ TSE322-B**  
If purchased from Momentive Performance Materials GmbH in Leverkusen, Germany, all substances in this product have been registered by Momentive Performance Materials GmbH or upstream in our supply chain or are exempt from registration under Regulation (EC) No 1907/2006 (REACH). For polymers, this includes the constituent monomers and other reactants.

Remarks: None.

## SECTION 16: Other information

**Revision Information:** Not relevant.

**Key literature references and sources for data:** No data available.

### Wording of the H-statements in section 2 and 3

H226	Flammable liquid and vapor.
H361f	Suspected of damaging fertility.
H373	May cause damage to organs through prolonged or repeated exposure.
H410	Very toxic to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

**Training information:** No data available.

**Issue Date:** 10.01.2023



---

**SNAPSIL™ TSE322-B**

**Disclaimer:**

**Notice to reader**

Unless otherwise specified in section 1.2, Momentive Products are intended for industrial application only.

They are not intended for specific medical applications, neither for long-lasting (> 30 days) implantation into the human body, injected or directly ingested, nor for the manufacture of multiple usable contraceptives.

**Further Information**

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.

® and TM indicate trademarks owned by or licensed to Momentive.