

# 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: TSE 3380

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

Identified uses: Silicone Elastomer (B)

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 not been classified as hazardous according to the legislation in force.

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

Not classified

**2.2 Label Elements** Not applicable

#### Supplemental label information

EUH210: Safety data sheet available on request.

**Additional Information:** No data available.

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**2.3 Other hazards**

**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 fillers, a cross-linker and an inhibitor.

**3.2 Mixtures**

**General information:** No data available.

Chemical name	Concentration	CAS-No.	EC No.	REACH Registration No.	M-Factor:	Notes
CYCLOSILOXANE ESTER	1 - <5%	113684-56-3	413-690-7	01-0000016083-78-XXXX	Not applicable	

\* 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
CYCLOSILOXANE ESTER	Aquatic Chronic: 4: H413;	

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.

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**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.

**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.

**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:** 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 away from food, drink and animal feeding stuffs. Keep container tightly closed and in a well-ventilated place.

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**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
Aluminum oxide - Inhalable dust.	TWA	10 mg/m <sup>3</sup>	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
Aluminum oxide - Respirable dust.	TWA	4 mg/m <sup>3</sup>	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)

**Biological Limit Values**

None.

**8.2 Exposure controls**

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

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

**General information:** Do not eat, drink or smoke when using the product. Wash hands after handling.

**Eye/face protection:** Safety glasses with side-shields conforming to EN166

**Skin protection**

**Hand Protection:** Advice: There is no risk to health due to contact with the chemical. Use hand protection to prevent mechanically injuries.

**Other:** No data available.

**Respiratory Protection:** No protection is ordinarily required under normal conditions of use and with adequate ventilation.

**Hygiene measures:** 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.

**Environmental exposure controls:** No data available.

**SECTION 9: Physical and chemical properties**

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

**Appearance**

**Physical state:** liquid

**Form:** liquid

**Color:** White

**Odor:** Faint

**Odor Threshold:** No data available.

**pH:** Not applicable

**Freezing point:** No data available.

**Boiling Point:** Not applicable

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<b>Flash Point:</b>	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>	Not applicable
<b>Relative vapor density:</b>	> 1
<b>Density:</b>	ca. 2,7 g/cm <sup>3</sup>
<b>Relative density:</b>	No data available.
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	Insoluble
<b>Solubility (other):</b>	Insoluble
<b>Partition coefficient (n-octanol/water) Log Pow:</b>	No data available.
<b>Autoignition Temperature:</b>	No data available.
<b>Decomposition Temperature:</b>	No decomposition if stored and applied as directed.
<b>SADT:</b>	No data available.
<b>Viscosity, dynamic:</b>	ca. 50.000 mPa·s
<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>	Keep away from heat, sparks and open flame.
<b>10.5 Incompatible Materials:</b>	Strong Acids, Strong Bases
<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**

<b>General information:</b>	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.
<b>Information on likely routes of exposure</b>	
<b>Inhalation:</b>	No data available.
<b>Ingestion:</b>	No data available.
<b>Skin Contact:</b>	No data available.

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**Eye contact:** No data available.

**11.1 Information on toxicological effects**

**Acute toxicity**

**Oral**

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

**Specified substance(s)**  
 CYCLOSILOXANE LD 50 (Rat): 5.000 mg/kg  
 ESTER

**Dermal**

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

**Specified substance(s)**  
 CYCLOSILOXANE LD 50 (Rat): > 2.000 mg/kg  
 ESTER

**Inhalation**

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

**Specified substance(s)**  
 CYCLOSILOXANE No data available.  
 ESTER

**Repeated dose toxicity**

**Product:** No data available.

**Specified substance(s)**  
 CYCLOSILOXANE No data available.  
 ESTER

**Skin Corrosion/Irritation:**

**Product:** No data available.

**Specified substance(s)**  
 CYCLOSILOXANE No data available.  
 ESTER

**Serious Eye Damage/Eye Irritation:**

**Product:** No data available.

**Specified substance(s)**  
 CYCLOSILOXANE (Rabbit): No eye irritation  
 ESTER

**Respiratory or Skin Sensitization:**

**Product:** No data available.

**Specified substance(s)**  
 CYCLOSILOXANE Magnusson-Kligmann (Guinea Pig): Did not cause sensitization on  
 ESTER laboratory animals.

**Germ Cell Mutagenicity**

**In vitro**

**Product:** No data available.

**Specified substance(s)**  
 CYCLOSILOXANE No data available.  
 ESTER

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**In vivo**

**Product:** No data available.

**Specified substance(s)**

CYCLOSILOXANE Ester Micronucleus test Oral (Mouse): negative (not mutagenic)

**Carcinogenicity**

**Product:** No data available.

**Specified substance(s)**

CYCLOSILOXANE Ester No data available.

**Reproductive toxicity**

**Product:** No data available.

**Specified substance(s)**

CYCLOSILOXANE Ester No data available.

**Specific Target Organ Toxicity - Single Exposure**

**Product:** No data available.

**Specified substance(s)**

CYCLOSILOXANE Ester No data available.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** No data available.

**Specified substance(s)**

CYCLOSILOXANE Ester No data available.

**Aspiration Hazard**

**Product:** No data available.

**Specified substance(s)**

CYCLOSILOXANE Ester 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:**

CYCLOSILOXANE Ester No data available.

**Other effects:** No data available.

**SECTION 12: Ecological information**

**12.1 Toxicity**

**Acute toxicity**

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**Fish**

**Product:** No data available.

**Specified substance(s)**

CYCLOSILOXANE No data available.  
 ESTER

**Aquatic Invertebrates**

**Product:** No data available.

**Specified substance(s)**

CYCLOSILOXANE EC50 (Daphnia magna, 48 h): > 8 mg/l  
 ESTER

**Chronic Toxicity**

**Fish**

**Product:** No data available.

**Specified substance(s)**

CYCLOSILOXANE No data available.  
 ESTER

**Aquatic Invertebrates**

**Product:** No data available.

**Specified substance(s)**

CYCLOSILOXANE No data available.  
 ESTER

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Specified substance(s)**

CYCLOSILOXANE No data available.  
 ESTER

**12.2 Persistence and Degradability**

**Biodegradation**

**Product:** No data available.

**Specified substance(s)**

CYCLOSILOXANE No data available.  
 ESTER

**BOD/COD Ratio**

**Product:** No data available.

**Specified substance(s)**

CYCLOSILOXANE No data available.  
 ESTER

**12.3 Bioaccumulative potential**

**Product:** No data available.

**Specified substance(s)**

CYCLOSILOXANE No data available.  
 ESTER

**12.4 Mobility in soil:**

No data available.

**Known or predicted distribution to environmental compartments**



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CYCLOSILOXANE ESTER No data available.

**12.5 Results of PBT and vPvB assessment:**  
CYCLOSILOXANE ESTER No data available.

**12.6 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:**  
CYCLOSILOXANE ESTER No data available.

**12.7 Other adverse effects:**

**Other hazards**  
**Product:** No data available.

**Additional Information:** Ecotoxicological data for this product is not available.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**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.

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**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):** none

**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.:** none

**Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breast feeding.:** none

**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
Aluminum oxide	1344-28-1	80 - 90%

**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.

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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:	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**

H413 May cause long lasting harmful effects to aquatic life.

**Training information:** No data available.

**Issue Date:** 23.11.2022

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**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.

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