

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: RTV664

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)

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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

Toxic to reproduction Category 1B H360F: May damage fertility.

The product is not classified for chronic aquatic toxicity, for further details see section 16

2.2 Label Elements

Contains: Cyclotetrasiloxane, 2,4,6,8-tetraethenyl-2,4,6,8-tetramethyl-



Signal Words: Danger

RTV664

Hazard Statement(s): H360F: May damage fertility.

Precautionary Statements

Prevention: P201: Obtain special instructions before use.
 P202: Do not handle until all safety precautions have been read and understood.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response: P308+P313: IF exposed or concerned: Get medical advice/attention.

Storage: P405: Store locked up.

Disposal: P501: Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.

Unknown toxicity - Health

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

Additional Information: No data available.

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 with filler and coloured pigment.

3.2 Mixtures

General information: No data available.

Chemical name	Concentration	CAS-No.	EC No.	REACH Registration No.	M-Factor:	Notes
Cyclotetrasiloxane, 2,4,6,8-tetraethenyl-2,4,6,8-tetramethyl-	0,3 - <1%	2554-06-5	219-863-1	01-2119970222-44-XXXX	Not applicable	
Toluene	0,1 - <1%	108-88-3	203-625-9	01-	Not	#

RTV664

				2119471310-51-XXXX	applicable	
Octamethylcyclotetrasiloxane	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
Cyclotetrasiloxane, 2,4,6,8-tetraethenyl-2,4,6,8-tetramethyl-	Repr.: 1B: H360Fd; No data available.	
Toluene	Flam. Liq.: 2: H225; Repr.: 2: H361d; Asp. Tox.: 1: H304; STOT RE: 2: H373; Skin Corr.: 2: H315; STOT SE: 3: H336; Aquatic Chronic: 3: H412; No data available.	No data available. 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 if symptoms occur.

Eye contact: Rinse the eye with water immediately. If eye irritation persists: Get medical advice/attention.

Skin Contact: After contact with skin, remove product mechanically. Wash area with soap and water.

Ingestion: If swallowed, do NOT induce vomiting. Give a glass of water. Get medical attention.

4.2 Most important symptoms and effects, both acute and delayed: No data available.

4.3 Indication of any immediate medical attention and special treatment needed

Hazards: No data available.

Treatment: No data available.

SECTION 5: Firefighting measures

General Fire Hazards: Use standard firefighting procedures and consider the hazards of other involved materials. Use water spray to keep fire-exposed containers cool.

RTV664

5.1 Extinguishing media	
Suitable extinguishing media:	Extinguish with foam, carbon dioxide or dry powder.
Unsuitable extinguishing media:	Water.
5.2 Special hazards arising from the substance or mixture:	In case of fire, carbon monoxide and carbon dioxide may be formed. Contact with water liberates flammable gas. Use water spray to keep fire-exposed containers cool.
5.3 Advice for firefighters	
Special fire-fighting procedures:	Product may charge electrostatically during pouring or filling. Keep away from sources of ignition - No smoking. Use only in well-ventilated areas. Move container from fire area if it can be done without risk. Static electricity and formation of sparks must be prevented.
Special protective equipment for fire-fighters:	Wear self-contained breathing apparatus and protective clothing. Do not get water inside container or in contact with the material. Avoid water in straight hose stream; will scatter and spread fire.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:	Caution: Contaminated surfaces may be slippery. Use personal protective equipment.
6.2 Environmental Precautions:	Do not allow runoff to sewer, waterway or ground.
6.3 Methods and material for containment and cleaning up:	Collect spillage with granulates, sawdust, rags or other absorbent. Shovel up and place in a container for salvage or disposal. Flush away spillage with plenty of water. Caution: Contaminated surfaces may be slippery.
6.4 Reference to other sections:	Prevent runoff from entering drains, sewers, or streams.

SECTION 7: Handling and storage:

7.1 Precautions for safe handling:	Product may charge electrostatically during pouring or filling. Pack only into unbreakable packing materials (no glass containers !) to avoid contact with substances mentioned in Section 10. Wear appropriate personal protective equipment.
Storage conditions:	Keep away from sources of ignition - No smoking. Store in original container.
7.2 Conditions for safe storage, including any incompatibilities:	Keep container tightly closed and in a well-ventilated place. Keep away from water, acids, alkalis, amines and alcohols.
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**

RTV664

Chemical name	Type	Exposure Limit Values	Source
Toluene	TWA	50 ppm 191 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
	STEL	100 ppm 384 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
	TWA	50 ppm 192 mg/m3	EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended (12 2009)
	STEL	100 ppm 384 mg/m3	EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended (12 2009)
	STEL	100 ppm 384 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL, as amended (2014)
	TWA	50 ppm 192 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL, as amended (2014)

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: Eyewash bottle with clean water. Use only in well-ventilated areas. Do not eat, drink or smoke when using the product. Wash hands after handling. Avoid contact with skin and eyes.

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: Avoid contact with eyes, skin, and clothing. Wear suitable gloves and eye/face protection. Wash hands after handling. When using do not eat, drink or smoke.

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: Dark blue

Odor: Faint

Odor Threshold: No data available.

pH: Not applicable

	RTV664
Freezing point:	No data available.
Boiling Point:	260 °C (1,013 hPa)
Flash Point:	ca. 71,00 °C (Closed Cup)
Evaporation Rate:	No data available.
Flammability (solid, gas):	No data available.
Flammability Limit - Upper (%):	No data available.
Flammability Limit - Lower (%):	No data available.
Vapor pressure:	No data available.
Relative vapor density:	No data available.
Density:	ca. 1,05 g/cm ³
Relative density:	ca. 1,05
Solubility(ies)	
Solubility in Water:	Insoluble
Solubility (other):	Insoluble
Partition coefficient (n-octanol/water) Log Pow:	No data available.
Autoignition Temperature:	No data available.
Decomposition Temperature:	Material is stable under normal conditions.
SADT:	No data available.
Viscosity, dynamic:	No data available.
Viscosity, kinematic:	No data available.
Explosive properties:	No data available.
Oxidizing properties:	No data available.

9.2 Other information
 No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity:	No data available.
10.2 Chemical Stability:	No data available.
10.3 Possibility of hazardous reactions:	Product generates flammable gas on contact with acids, bases or oxidizing substances.
10.4 Conditions to avoid:	Keep away from moisture. Keep away from heat, sparks and open flame.
10.5 Incompatible Materials:	Strong Acids, Strong Bases Oxidizing agents.
10.6 Hazardous Decomposition Products:	Evolves hydrogen on contact with acids, alkalis, alcohols, powdered metals or, as the case may be, metal oxides. Hydrogen; Danger of formation of explosive hydrogen/air mixtures. 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

Information on likely routes of exposure	
Inhalation:	No data available.
Ingestion:	No data available.

RTV664

Skin Contact: No data available.

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)

Cyclotetrasiloxane, LD 50 (Rat): > 5.000 mg/kg
 2,4,6,8-tetraethenyl-

2,4,6,8-tetramethyl-
 Toluene LD 50 (Rat): > 5.000 mg/kg

Octamethylcyclotetrasiloxane LD 50 (Rat): > 4.800 mg/kg

Dermal

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

Specified substance(s)

Cyclotetrasiloxane, No data available.
 2,4,6,8-tetraethenyl-

2,4,6,8-tetramethyl-
 Toluene LD 50 (Rabbit): 12.124 mg/kg

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

Inhalation

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

Specified substance(s)

Cyclotetrasiloxane, No data available.
 2,4,6,8-tetraethenyl-

2,4,6,8-tetramethyl-
 Toluene LC50 (Rat, 4,00 h): 30,6 mg/l

Octamethylcyclotetrasiloxane LC50 (Rat, 4 h): 36 mg/l

Repeated dose toxicity

Product: No data available.

Specified substance(s)

Cyclotetrasiloxane, No data available.
 2,4,6,8-tetraethenyl-

2,4,6,8-tetramethyl-
 Toluene No data available.

Octamethylcyclotetrasiloxane No data available.

Skin Corrosion/Irritation:

Product: No data available.

Specified substance(s)

Cyclotetrasiloxane, No data available. (Rabbit): No skin irritation
 2,4,6,8-tetraethenyl-

2,4,6,8-tetramethyl-
 Toluene No data available.

RTV664

Octamethylcyclotetrasiloxane OECD Test Guideline 404 (Rabbit): Non irritating

Serious Eye Damage/Eye Irritation:

Product: (Rabbit): No eye irritation

Specified substance(s)

Cyclotetrasiloxane, No data available. (Rabbit): slightly irritating (not classified according to the German Dangerous Substances legislation)

2,4,6,8-tetraethenyl- No data available.

2,4,6,8-tetramethyl- OECD-Guideline 405 (Acute Eye Irritation/Corrosion) (Rabbit): Non irritating

Toluene

Octamethylcyclotetrasiloxane

Respiratory or Skin Sensitization:

Product: Magnusson-Kligmann (Guinea Pig): In tests with guinea-pigs, the product did not show a sensitising effect (OECD 406; GPMT according to Magnusson-Kligman).

Specified substance(s)

Cyclotetrasiloxane, No data available.

2,4,6,8-tetraethenyl- No data available.

2,4,6,8-tetramethyl- Maximisation Test, OECD-Guideline 406 (Skin Sensitisation) (Guinea Pig): Not sensitizing

Toluene

Octamethylcyclotetrasiloxane

Germ Cell Mutagenicity

In vitro

Product: No data available.

Specified substance(s)

Cyclotetrasiloxane, No data available.

2,4,6,8-tetraethenyl- No data available.

2,4,6,8-tetramethyl- Ames-Test (OECD-Guideline 471 (Genetic Toxicology: Salmonella typhimurium, Reverse Mutation Assay)): negative (not mutagenic)

Toluene Mouse Lymphoma Assay (OECD Guideline 476): negative (not mutagenic)

Octamethylcyclotetrasiloxane

In vivo

Product: No data available.

Specified substance(s)

Cyclotetrasiloxane, No data available.

2,4,6,8-tetraethenyl- No data available.

2,4,6,8-tetramethyl- Chromosomal aberration (OECD 475) Inhalation (Rat, male and female): negative

Toluene Dominant lethal assay (OECD 478) Oral (Rat, male and female): negative

Octamethylcyclotetrasiloxane

Carcinogenicity

Product: No data available.

Specified substance(s)

Cyclotetrasiloxane, No data available.

2,4,6,8-tetraethenyl- No data available.

2,4,6,8-tetramethyl- No data available.

Toluene

RTV664

Octamethylcyclotetrasiloxane No data available.

Reproductive toxicity

Product: No data available.

Specified substance(s)

Cyclotetrasiloxane, No data available.

2,4,6,8-tetraethenyl-

2,4,6,8-tetramethyl-

Toluene No data available.

Octamethylcyclotetrasiloxane No data available.

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Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specified substance(s)

Cyclotetrasiloxane, No data available.

2,4,6,8-tetraethenyl-

2,4,6,8-tetramethyl-

Toluene No data available.

Octamethylcyclotetrasiloxane No data available.

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Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Specified substance(s)

Cyclotetrasiloxane, No data available.

2,4,6,8-tetraethenyl-

2,4,6,8-tetramethyl-

Toluene No data available.

Octamethylcyclotetrasiloxane No data available.

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Aspiration Hazard

Product: No data available.

Specified substance(s)

Cyclotetrasiloxane, No data available.

2,4,6,8-tetraethenyl-

2,4,6,8-tetramethyl-

Toluene No data available.

Octamethylcyclotetrasiloxane No data available.

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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:

Cyclotetrasiloxane, No data available.

2,4,6,8-tetraethenyl-

2,4,6,8-tetramethyl-

Toluene No data available.

Octamethylcyclotetrasiloxane No data available.

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RTV664

Other effects: No data available.

SECTION 12: Ecological information

12.1 Toxicity

Acute toxicity

Fish

Product: No data available.

Specified substance(s)

Cyclotetrasiloxane,
 2,4,6,8-tetraethenyl-
 2,4,6,8-tetramethyl-
 Toluene No data available.

LC0 (Leuciscus idus, 48 h): 52 mg/l
 LC50 (Leuciscus idus, 48 h): 70 mg/l
 LC50 (Pimephales promelas, 96 h): 34 mg/l

Octamethylcyclotetrasiloxane 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)

Cyclotetrasiloxane,
 2,4,6,8-tetraethenyl-
 2,4,6,8-tetramethyl-
 Toluene No data available.

LC0 (Daphnia magna): 93 mg/l
 (Daphnia magna): 270 mg/l

Octamethylcyclotetrasiloxane 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)

Cyclotetrasiloxane,
 2,4,6,8-tetraethenyl-
 2,4,6,8-tetramethyl-
 Toluene No data available.

No data available.

Octamethylcyclotetrasiloxane 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)

Cyclotetrasiloxane,
 2,4,6,8-tetraethenyl-
 2,4,6,8-tetramethyl-
 Toluene No data available.

No data available.

Octamethylcyclotetrasiloxane No toxicity at the limit of solubility ; NOEC (Daphnia magna, 21 d): > 0,015 mg/l

Toxicity to Aquatic Plants

Product: No data available.

RTV664

Specified substance(s)

Cyclotetrasiloxane, 2,4,6,8-tetraethenyl- 2,4,6,8-tetramethyl- Toluene	No data available.
Octamethylcyclotetrasiloxane	No toxicity at the limit of solubility ; ErC50 (Selenastrum capricornutum, 96 h): > 0,022 mg/l

12.2 Persistence and Degradability

Biodegradation

Product: No data available.

Specified substance(s)

Cyclotetrasiloxane, 2,4,6,8-tetraethenyl- 2,4,6,8-tetramethyl- Toluene	No data available.
Octamethylcyclotetrasiloxane	No data available. (29 d, 310 Ready Biodegradability - CO ₂ in Sealed Vessels (Headspace Test)): 3,7 % Persistent Not readily biodegradable.

BOD/COD Ratio

Product No data available.

Specified substance(s)

Cyclotetrasiloxane, 2,4,6,8-tetraethenyl- 2,4,6,8-tetramethyl- Toluene	No data available.
Octamethylcyclotetrasiloxane	No data available.

12.3 Bioaccumulative potential

Product: No data available.

Specified substance(s)

Cyclotetrasiloxane, 2,4,6,8-tetraethenyl- 2,4,6,8-tetramethyl- Toluene	No data available.
Octamethylcyclotetrasiloxane	Bioconcentration Factor (BCF): 12.400

12.4 Mobility in soil: No data available.

Known or predicted distribution to environmental compartments

Cyclotetrasiloxane, 2,4,6,8-tetraethenyl-2,4,6,8-tetramethyl- Toluene	No data available.
Octamethylcyclotetrasiloxane	No data available.

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

Cyclotetrasiloxane, 2,4,6,8-tetraethenyl-2,4,6,8-tetramethyl- Toluene	No data available.
	No data available.

RTV664

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>
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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:	
Cyclotetrasiloxane,	No data available.
2,4,6,8-tetraethenyl-	
2,4,6,8-tetramethyl-	
Toluene	No data available.
Octamethylcyclotetrasiloxane	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.

RTV664

RID

Not regulated.

IMDG

Not regulated.

IATA

14.6 Special precautions for user: Keep away from food, drink and animal feeding stuffs. This product is not prohibited for air shipment by national or international regulations on the transport of dangerous goods. However, as a result of the potential formation of hydrogen gas under certain conditions, Momentive Performance Materials recommends that this product should be shipped using a mode of transportation other than air (IATA-C, IATA-P).

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:

Chemical name	CAS-No.	Concentration
Toluene	108-88-3	0,1 - 1,0%

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
Toluene	108-88-3	0,1 - 1,0%

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

RTV664

Chemical name	CAS-No.	Concentration
Toluene	108-88-3	0,1 - 1,0%

EU. Directive 2012/18/EU (SEVESO III) on major accident hazards involving dangerous substances, Annex I:

Classification	Lower-tier Requirements	Upper-tier Requirements
P5b. Flammable liquids	50 t	200 t
P5c. Flammable liquids	5.000 t	50.000 t
P5a. Flammable liquids	10 t	50 t
E1. Hazardous to the aquatic environment		

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

Chemical name	CAS-No.	Concentration
Toluene	108-88-3	0,1 - 1,0%

Directive 98/24/EC on the protection of workers from the risks related to chemical agents at work:

Chemical name	CAS-No.	Concentration
Toluene	108-88-3	0,1 - 1,0%

15.2 Chemical safety assessment:

No Chemical Safety Assessment has been carried out.

Inventory Status

Australia AICS:	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:	y (positive 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 Chemical Substance Inventory:	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.

RTV664

Key literature references and sources for data:

The partition coefficient of D4 between PDMS and water has been determined as $\log K_{PDMS-water} = 7.09$. It follows that PDMS containing up to 3%w/w D4 will generate a thermodynamic limit concentration of 2.4 µg D4/L in the water phase. The critical 21d-NOEC for daphnia of 7.9 µg D4/L will not be reached. The product is therefore not classified for chronic aquatic toxicity

Wording of the H-statements in section 2 and 3

H225	Highly flammable liquid and vapor.
H226	Flammable liquid and vapor.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H360F	May damage fertility.
H360Fd	May damage fertility. Suspected of damaging the unborn child.
H361d	Suspected of damaging the unborn child.
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.
H412	Harmful to aquatic life with long lasting effects.

Training information: No data available.

Issue Date: 20.12.2022

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

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