

RTV60

SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 2015/830

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

1.1 Product identifier

Product name: RTV60

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

Identified uses: Silicone Elastomer

Uses advised against: Not known.

1.3 Details of the supplier of the safety data sheet

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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

H373: May cause damage to organs through prolonged or repeated exposure.

2.2 Label Elements

Contains:

Cristobalite



Signal Words:

Warning

Hazard Statement(s):

H373: May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements

Prevention:

P260: Do not breathe dust/fume/gas/mist/vapors/spray.

Disposal:

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 %

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Acute toxicity, inhalation, dust or mist 0 %

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, ingestion or contact with the skin or to aquatic environment 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.

2.3 Other hazards

No data available.

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
Cristobalite	5 - <10%	14464-46-1	238-455-4	No data available.	No data available.	#
Silicic acid, ethyl ester	1 - <5%	11099-06-2	234-324-0	No data available.	No data available.	
Tetraethyl Silicate	0,1 - <1%	78-10-4	201-083-8	01-2119496195-28-0002	No data available.	#
Decamethylcyclopentasiloxane	0,1 - <1%	541-02-6	208-764-9	01-2119511367-43-0002	No data available.	vPvB
Dodecamethylcyclohexasiloxane	0,1 - <1%	540-97-6	208-762-8	01-2119517435-42-0001	No data available.	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
Cristobalite	STOT RE: 1: H372;	
Silicic acid, ethyl ester	Flam. Liq.: 3: H226; STOT SE: 3: H335; Eye Dam.: 2: H319; Acute Tox.: 4: H302;	
Tetraethyl Silicate	Flam. Liq.: 3: H226; Acute Tox.: 4: H332; Eye Irrit.: 2: H319; STOT SE: 3: H335;	No data available.
Decamethylcyclopentasiloxane	No data available.	
Dodecamethylcyclohexasiloxane	No data available.	

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CLP: Regulation No. 1272/2008.

SECTION 4: First aid measures

General: Move into fresh air and keep at rest. Get medical attention if symptoms occur.

4.1 Description of first aid measures

Inhalation: Move the exposed person to fresh air at once.

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

Skin Contact: After contact with skin, remove product mechanically. Flush contaminated skin with plenty of water.

Ingestion: If swallowed, rinse mouth with water (only if the person is conscious). Do NOT induce vomiting. Consult a physician for specific advice.

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.

5.1 Extinguishing media

Suitable extinguishing media: All standard extinguishing agents are suitable.

Unsuitable extinguishing media: Do not use water jet.

5.2 Special hazards arising from the substance or mixture:

In case of fire, carbon monoxide and carbon dioxide may be formed. 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.

5.3 Advice for firefighters

Special fire fighting procedures: No data available.

Special protective equipment for fire-fighters: Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Use only in well-ventilated areas.

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- 6.2 Environmental Precautions:** Do not allow runoff to sewer, waterway or ground.
- 6.3 Methods and material for containment and cleaning up:** Absorb spillage with suitable absorbent material. Sweep up and shovel into suitable containers for disposal. Clean thoroughly.
- 6.4 Reference to other sections:** See Section 8 of the SDS for Personal Protective Equipment. Collect and dispose of spillage as indicated in section 13 of the SDS.

SECTION 7: Handling and storage:

- 7.1 Precautions for safe handling:** Avoid contact with skin and eyes. Wear appropriate personal protective equipment.
- Storage conditions:** No data available.
- 7.2 Conditions for safe storage, including any incompatibilities:** Keep container tightly closed in a cool, well-ventilated place.
- Storage Stability:** No data available.
- 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
Red iron oxide - Fume. - as Fe	STEL	10 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
Red iron oxide - Respirable.	TWA	4 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
Red iron oxide - Inhalable	TWA	10 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
Red iron oxide - Fume. - as Fe	TWA	5 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
Diatomaceous Earth - Inhalable dust.	TWA	6 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
Diatomaceous Earth - Respirable dust.	TWA	2,4 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
Diatomaceous Earth - Respirable.	TWA	0,1 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
Cristobalite - Respirable.	TWA	0,1 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
Cristobalite - Fiber.	TWA	5 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
QUARTZ - Respirable.	TWA	0,1 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
Tetraethyl Silicate	TWA	5 ppm 44 mg/m3	EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU (02 2017)
	TWA	5 ppm 44 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL (2014)

Biological Limit Values

None.

DNEL-Values

Critical component	Type	Route of Exposure		Remarks
Tetraethyl Silicate	Workers	Dermal	12,1 mg/kg bw/day	

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		Inhalation	85 mg/m3	
			85 mg/m3	
		Dermal	12,1 mg/kg bw/day	
		Inhalation	85 mg/m3	
			85 mg/m3	
	Consumers	Dermal	8,4 mg/kg bw/day	
		Inhalation	25 mg/m3	
			25 mg/m3	
		Dermal	8,4 mg/kg bw/day	
		Inhalation	25 mg/m3	
			25 mg/m3	

PNEC-Values

Critical component	Environmental compartment		Remarks
Tetraethyl Silicate	Water	0,192 mg/l	
	Seawater	0,0192 mg/l	
	Intermittent release	10 mg/l	
	Sediment	0,18 mg/kg	Derived from PNEC(freshwater) using the equilibrium partitioning method.
	soil	0,05 mg/kg	Derived from PNEC(freshwater) using the equilibrium partitioning method.
	Sewage treatment plant	4000 mg/l	

8.2 Exposure controls

Appropriate Engineering Controls:

Eye wash facilities and emergency shower must be available when handling this product. Use only in well-ventilated areas.

Individual protection measures, such as personal protective equipment

General information:

No data available.

Eye/face protection:

Safety glasses with side-shields conforming to EN166

Skin protection

Hand Protection:

Advice: This recommendation is valid only for our Product as delivered. If this product will be mixed with other substances you need to contact a supplier of CE approved protective gloves (e.g. KCL GmbH, D-36124 Eichenzell, Tel. 0049 (0) 6659 87300, Fax. 0049 (0) 6659 87155, email: vertrieb@kcl.de).
Material: 730 Camatril
Minimum break through time: 480 min
Glove thickness: 0,4 mm
Guideline: EN 374

Other:

Wear suitable protective clothing.

Respiratory Protection:

Use only in well-ventilated areas. In case of inadequate ventilation use suitable respirator.

Hygiene measures:

Observe good industrial hygiene practices. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. When using do not eat, drink or smoke.

Environmental exposure controls:

No data available.

SECTION 9: Physical and chemical properties

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9.1 Information on basic physical and chemical properties

Appearance

Physical state:	liquid
Form:	liquid
Color:	Red
Odor:	Faint
Odor Threshold:	No data available.
pH:	No data available.
Freezing point:	No data available.
Boiling Point:	> 168 °C (1,013 hPa)
Flash Point:	ca. 109 °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.
Vapor density (air=1):	No data available.
Density:	ca. 1,47 g/cm ³
Relative density:	No data available.
Solubility(ies)	
Solubility in Water:	No data available.
Solubility (other):	No data available.
Partition coefficient (n-octanol/water) Log Pow:	No data available.
Autoignition Temperature:	No data available.
Decomposition Temperature:	No decomposition if stored and applied as directed.
SADT:	No data available.
Viscosity, dynamic:	No data available.
Viscosity, kinematic:	No data available.
Explosive properties:	No data available.
Oxidizing properties:	No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity:	No data available.
10.2 Chemical Stability:	Material is stable under normal conditions.
10.3 Possibility of hazardous reactions:	Under normal conditions of storage and use, hazardous polymerization will not occur.
10.4 Conditions to avoid:	No data available.
10.5 Incompatible Materials:	Reacts with water liberating small amounts of methanol. Avoid contact with acids and oxidizing substances.
10.6 Hazardous Decomposition Products:	Oxides of silicon. Carbon oxides Tin fumes. 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

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General information: Experience has shown, that the above mentioned product can be used without any danger to health, as long as the usual conditions of industrial hygiene are observed.

Information on likely routes of exposure

Inhalation: No data available.

Ingestion: No data available.

Skin Contact: No data available.

Eye contact: No data available.

11.1 Information on toxicological effects

Acute toxicity

Oral

Product: ATEmix: 36.464,41 mg/kg

Specified substance(s)
Cristobalite LD 50 (Rat): 5.000 mg/kg

Silicic acid, ethyl ester No data available.

Tetraethyl Silicate No data available.

Decamethylcyclopentasiloxane No data available.

Dodecamethylcyclohexasiloxane LD 50 (Rat): 2.000 mg/kg

Dermal

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

Specified substance(s)
Cristobalite No data available.
Silicic acid, ethyl ester No data available.
Tetraethyl Silicate No data available.
Decamethylcyclopentasiloxane LD 50 (Rabbit): > 2.000 mg/kg

Dodecamethylcyclohexasiloxane LD 50 (Rat): 2.000 mg/kg

Inhalation

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

Specified substance(s)
Cristobalite No data available.
Silicic acid, ethyl ester No data available.
Tetraethyl Silicate No data available.
Decamethylcyclopentasiloxane LC50 (Rat, 4 h): 8,67 mg/l
Dodecamethylcyclohexasiloxane No data available.

Repeated dose toxicity

Product: No data available.

Specified substance(s)
Cristobalite No data available.
Silicic acid, ethyl ester No data available.
Tetraethyl Silicate NOAEL (Rat(male and female), Oral, 28 d): 10 - 50 mg/kg
LOAEL (Mouse(males), Inhalation, 28 d): 50 mg/kg
Decamethylcyclopentasiloxane NOAEL (Rat(male and female), Oral, 90 d): 1.000 mg/kg
NOAEL (Rat(male and female), Dermal, 28 d): 1.600 mg/kg

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Dodecamethylcyclohexas
iloxane
NOAEC (Rat(male and female), Inhalation - vapor, 2 y): 160 ppm
NOAEL (Rat(male and female), Oral): 1.000 mg/kg

Skin Corrosion/Irritation:

Product: No data available.

Specified substance(s)

Cristobalite No data available.
Silicic acid, ethyl ester No data available.
Tetraethyl Silicate OECD Test Guideline 404 (Rabbit): Non irritating
Decamethylcyclopent
iloxane OECD Test Guideline 404 (Rabbit, 72 h): Non irritating
Dodecamethylcyclohex
asiloxane OECD-Guideline 404 (Acute Dermal Irritation/Corrosion) (Rabbit, 72 h):
No skin irritation

**Serious Eye Damage/Eye
Irritation:**

Product: No data available.

Specified substance(s)

Cristobalite No data available.
Silicic acid, ethyl ester No data available.
Tetraethyl Silicate OECD Test Guideline 405 (Rabbit, 72 h): Non irritating
Decamethylcyclopent
iloxane OECD Test Guideline 405 (Rabbit, 72 h): Non irritating
Dodecamethylcyclohex
asiloxane OECD-Guideline 405 (Acute Eye Irritation/Corrosion) (Rabbit, 72 h): No
eye irritation Not irritating

Respiratory or Skin

Sensitization:

Product: No data available.

Specified substance(s)

Cristobalite No data available.
Silicic acid, ethyl ester No data available.
Tetraethyl Silicate Sensitisation, skin, OECD-Guideline 406 (Skin Sensitisation) (Guinea
Pig): Non sensitizing.
Decamethylcyclopent
iloxane LLNA (Local Lymph Node Assay), OECD Guideline 429 (LLNA)
(Mouse): Non sensitizing.
Dodecamethylcyclohex
asiloxane Maximisation Test, OECD-Guideline 406 (Skin Sensitisation) (Guinea
Pig): negative

Germ Cell Mutagenicity

In vitro

Product: No data available.

Specified substance(s)

Cristobalite No data available.
Silicic acid, ethyl ester No data available.
Tetraethyl Silicate Chinese Hamster Ovary (CHO) (OECD 476): negative
Chromosomal aberration (OECD 473): negative
Decamethylcyclopentasil
oxane Ames-Test (OECD-Guideline 471 (Genetic Toxicology: Salmonella
typhimurium, Reverse Mutation Assay)): negative (not mutagenic)
Mammalian cytogenicity test (Mouse Lymphoma Assay (OECD Guideline
476)): negative (not mutagenic)
Chromosomal aberration (OECD 473): negative (not mutagenic)
Dodecamethylcyclohexas
iloxane Ames-Test (OECD-Guideline 471 (Genetic Toxicology: Salmonella
typhimurium, Reverse Mutation Assay)): negative

In vivo

Product: No data available.

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Specified substance(s)

Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	No data available.
Decamethylcyclopentasiloxane	(OECD-Guideline 474 (Genetic Toxicology: Micronucleus Test)) Inhalation (Rat, male and female)negative (not mutagenic) Vapor.
Dodecamethylcyclohexasiloxane	OECD-Guideline 474 (Genetic Toxicology: Micronucleus Test) (OECD-Guideline 474 (Genetic Toxicology: Micronucleus Test)) Intraperitoneal (Mouse, male and female): negative

Carcinogenicity

Product: No data available.

Specified substance(s)

Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.

Reproductive toxicity

Product: No data available.

Specified substance(s)

Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specified substance(s)

Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Specified substance(s)

Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.

Aspiration Hazard

Product: No data available.

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Specified substance(s)

Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	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)

Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	LC50 (Brachydanio rerio, 96 h): > 245 mg/l (Tested according to Directive 92/69/EEC.)
Decamethylcyclopentasiloxane	LC50 (Oncorhynchus mykiss, 96 h): > 0,0016 mg/l (OECD-Guideline 204)
Dodecamethylcyclohexasiloxane	No data available.

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	EC50 (Daphnia magna, 48 h): > 75 mg/l (OECD-Guideline 202)
Decamethylcyclopentasiloxane	EC50 (Daphnia magna, 48 h): > 0,0029 mg/l (OECD Test Guideline 202)
Dodecamethylcyclohexasiloxane	No data available.

Chronic Toxicity

Fish

Product: No data available.

Specified substance(s)

Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	No data available.
Decamethylcyclopentasiloxane	NOEC (Oncorhynchus mykiss, 90 d): >= 0,0014 mg/l (OECD-Guideline 210)
Dodecamethylcyclohexasiloxane	LOEC (Oncorhynchus mykiss, 90 d): > 0,0014 mg/l (OECD-Guideline 210)
	NOEC (Pimephales promelas, 49 d): 0,0044 mg/l

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

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Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	No data available.
Decamethylcyclopentasiloxane	NOEC (Daphnia magna, 21 d): $\geq 0,0015$ mg/l (OECD-Guideline 211) LOEC (Daphnia magna, 21 d): $> 0,0015$ mg/l
Dodecamethylcyclohexasiloxane	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

Toxicity to Aquatic Plants

Product: No data available.

Specified substance(s)

Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	EC50 (Algae (Pseudokirchneriella subcapitata), 72 h): > 100 mg/l (OECD Test Guideline 201)
Decamethylcyclopentasiloxane	EC50 (Algae (Pseudokirchneriella subcapitata), 96 h): $> 0,0012$ mg/l (OECD Test Guideline 201) NOEC : $\geq 0,0012$ mg/l EC10 : $> 0,0012$ mg/l
Dodecamethylcyclohexasiloxane	EC50 (Algae (Pseudokirchneriella subcapitata), 72 h): $> 0,002$ mg/l (OECD Test Guideline 201) NOEC (Algae (Pseudokirchneriella subcapitata), 72 h): $\geq 0,002$ mg/l (OECD Test Guideline 201)

12.2 Persistence and Degradability

Biodegradation

Product: No data available.

Specified substance(s)

Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	activated sludge, domestic (adaptation not specified) (28 d, OECD-Guideline 301 A (DOC Die-Away Test)): 98 % Readily biodegradable
Decamethylcyclopentasiloxane	activated sludge (adaptation not specified) (28 d, OECD Test Guideline 310): 0,14 % The product is not readily biodegradable.
Dodecamethylcyclohexasiloxane	No data available.

BOD/COD Ratio

Product No data available.

Specified substance(s)

Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.

12.3 Bioaccumulative potential

Product: No data available.

Specified substance(s)

Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	No data available.
Decamethylcyclopentasiloxane	Fathead Minnow, Bioconcentration Factor (BCF): 7.060 (OECD Test Guideline 305)

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Dodecamethylcyclhexas
iloxane No data available.

12.4 Mobility in soil: No data available.

Known or predicted distribution to environmental compartments

Cristobalite No data available.
Silicic acid, ethyl ester No data available.
Tetraethyl Silicate No data available.
Decamethylcyclopentasilox
ane No data available.
Dodecamethylcyclhexasilo
xane No data available.

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

Cristobalite No data available.
Silicic acid, ethyl ester No data available.
Tetraethyl Silicate No data available.
Decamethylcyclopentasiloxane

vPvB: very persistent and very bioaccumulative substance.

vPvB: very
persistent and
very
bioaccumulative
substance.

Decamethylcyclopentasiloxane (D5) 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)., *However our understanding of the available science is that D5 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 D5 is not biomagnifying in aquatic and terrestrial food webs. D5 in air will degrade by naturally occurring reactions in the atmosphere. Any D5 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.*

Dodecamethylcyclhexasiloxane vPvB: very
persistent and
very
bioaccumulative
substance.

Dodecamethylcyclhexasiloxane (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)., *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*

12.6 Other adverse effects: No data available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

General information:

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

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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: This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods. Keep away from foodstuffs and animal feed.

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 (EC) No. 2037/2000 Substances that deplete the ozone layer: none

Regulation (EC) No. 850/2004 on persistent organic pollutants: 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):

Chemical name	CAS-No.	Concentration
Decamethylcyclopentasiloxane	541-02-6	0 - <=0,1670%
Dodecamethylcyclohexasiloxane	540-97-6	0 - <=0,1320%

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

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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

Directive 96/82/EC (Seveso III): on the control of major accident hazards involving dangerous substances:

Chemical name	CAS-No.	Concentration
Tetraethyl Silicate	78-10-4	0,1 - 1,0%

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

Chemical name	CAS-No.	Concentration
Red iron oxide	1309-37-1	30 - 40%

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

Chemical name	CAS-No.	Concentration
Tetraethyl Silicate	78-10-4	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.
EU EINECS List:	y (positive listing)	Remarks: None.
Japan (ENCS) List:	y (positive listing)	Remarks: None.
China Inv. 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.

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.
H302	Harmful if swallowed.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.

Training information: No data available.

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

STOT RE 2, H373

RTV60

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