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: RTV560/DBT

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

Identified uses: Silicone Elastomer
Uses advised against: For industrial use only.

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

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

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.

Response: P314: Get medical advice/attention if you feel unwell.

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: 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.

2.3 Other hazards

PBT/vPvB data
Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB)

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

Kieselguhr, soda ash flux-calcined	10 - <20%	68855-54-9	272-489-0	No data available.	Not applicable	#
Cristobalite	5 - <10%	14464-46-1	238-455-4	No data available.	Not applicable	#
Silicic acid, ethyl ester	1 - <2,5%	11099-06-2	234-324-0	No data available.	Not applicable	
Tetraethyl Silicate	0,1 - <1%	78-10-4	201-083-8	01-2119496195-28-XXXX	Not 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
Kieselguhr, soda ash flux-calcined	No data available.	
Cristobalite	STOT RE: 1: H372;	
Silicic acid, ethyl ester	Flam. Liq.: 3: H226; Eye Irrit.: 2: H319; Aquatic Chronic: 2: H411; No data available.	
Tetraethyl Silicate	Flam. Liq.: 3: H226; Acute Tox.: 4: H332; Eye Dam.: 2: H319; STOT SE: 3: H335; 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: 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: None known.

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 as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from the substance or mixture: In case of fire, carbon monoxide and carbon dioxide may be formed. Exposure to fire can generate toxic fumes. Acute overexposure to the products of combustion may result in irritation of the respiratory tract.

5.3 Advice for firefighters

Special fire-fighting procedures: To prevent and minimize fire or explosion risk from static accumulation and discharge, effectively bond and/or ground product transfer system. Cool fire-endangered containers with water.

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.

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. Use only in well-ventilated areas.

Storage conditions: No data available.

7.2 Conditions for safe storage, including any incompatibilities: Keep container tightly closed in a cool, well-ventilated place. Keep away from water or moist air.

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
Kieselguhr, soda ash flux-calcined - Respirable fraction and dust	TWA	0,1 mg/m3	EU. OELs for Certain Carcinogens, Mutagens, Reprotoxins: Annex III, Directive 2004/37/EC (CMRD), as amended (12 2017)
Cristobalite - Respirable fraction and dust	TWA	0,1 mg/m3	EU. OELs for Certain Carcinogens, Mutagens, Reprotoxins: Annex III, Directive 2004/37/EC (CMRD), as amended (12 2017)
Tetraethyl Silicate	TWA	5 ppm 44 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 (02 2017)
	TWA	5 ppm 44 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL, as amended (2014)

Biological Limit Values

None.

DNEL-Values

Critical component	Type	Route of Exposure		Remarks
Tetraethyl Silicate	Workers	Dermal	12,1 mg/kg bw/day	
		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:	Do not eat, drink or smoke when using the product.
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

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:	Not applicable substance/mixture is non-soluble (in water)
Freezing point:	No data available.
Boiling Point:	> 285 °C
Flash Point:	> 100 °C
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. 1,42 g/cm3
Relative density:	No data available.
Solubility(ies)	
Solubility in Water:	Insoluble
Solubility (other):	No data available.
Partition coefficient (n-octanol/water) Log Pow:	No data available.

Auto-ignition temperature:	No data available.
Decomposition Temperature:	No decomposition if stored and applied as directed.
SADT:	No data available.
Viscosity, dynamic:	ca. 30.000 mPa·s
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:	Material is stable under normal conditions.
10.3 Possibility of hazardous reactions:	Hazardous polymerization does 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

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 hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Oral

Product:	Not classified for acute toxicity based on available data.
Specified substance(s)	
Kieselguhr, soda ash flux-calcined	No data available.
Cristobalite	LD 50 (Rat): 5.000 mg/kg
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	No data available.
Octamethylcyclotetrasilox	LD 50 (Rat): > 4.800 mg/kg

ane

Dermal

Product:	Not classified for acute toxicity based on available data.
Specified substance(s)	
Kieselguhr, soda ash flux-calcined	No data available.
Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	No data available.
Octamethylcyclotetrasiloxane	LD 50 (Rat): > 2.375 mg/kg

Inhalation

Product:	Not classified for acute toxicity based on available data.
Specified substance(s)	
Kieselguhr, soda ash flux-calcined	No data available.
Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	No data available.
Octamethylcyclotetrasiloxane	LC50 (Rat, 4 h): 36 mg/l

Repeated dose toxicity

Product:	No data available.
Specified substance(s)	
Kieselguhr, soda ash flux-calcined	No data available.
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
Octamethylcyclotetrasiloxane	No data available.

Skin Corrosion/Irritation:

Product:	No data available.
Specified substance(s)	
Kieselguhr, soda ash flux-calcined	No data available.
Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	OECD Test Guideline 404 (Rabbit): Non irritating
Octamethylcyclotetrasiloxane	OECD Test Guideline 404 (Rabbit): Non irritating

Serious Eye Damage/Eye Irritation:

Product:	No data available.
Specified substance(s)	
Kieselguhr, soda ash flux-calcined	No data available.
Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	OECD Test Guideline 405 (Rabbit, 72 h): Non irritating
Octamethylcyclotetrasiloxane	OECD-Guideline 405 (Acute Eye Irritation/Corrosion) (Rabbit): Non irritating

Respiratory or Skin Sensitization:

Product:	No data available.
Specified substance(s)	
Kieselguhr, soda ash flux-calcined	No data available.
Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	Sensitisation, skin, OECD-Guideline 406 (Skin Sensitisation) (Guinea Pig): Non sensitizing.
Octamethylcyclotetrasiloxane	Maximisation Test, OECD-Guideline 406 (Skin Sensitisation) (Guinea Pig): Not sensitizing

Germ Cell Mutagenicity

In vitro

Product:	No data available.
Specified substance(s)	
Kieselguhr, soda ash flux-calcined	No data available.
Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	No data available.
Octamethylcyclotetrasiloxane	Ames-Test (OECD-Guideline 471 (Genetic Toxicology: Salmonella typhimurium, Reverse Mutation Assay)): negative (not mutagenic) Mouse Lymphoma Assay (OECD Guidline 476): negative (not mutagenic)

In vivo

Product:	No data available.
Specified substance(s)	
Kieselguhr, soda ash flux-calcined	No data available.
Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	No data available.
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)	
Kieselguhr, soda ash flux-calcined	No data available.
Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	No data available.
Octamethylcyclotetrasiloxane	No data available.

Reproductive toxicity

Product:	No data available.
Specified substance(s)	
Kieselguhr, soda ash flux-calcined	No data available.
Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.

Tetraethyl Silicate	No data available.
Octamethylcyclotetrasiloxane	No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specified substance(s)

Kieselguhr, soda ash flux-calcined	No data available.
Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	No data available.
Octamethylcyclotetrasiloxane	No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Specified substance(s)

Kieselguhr, soda ash flux-calcined	No data available.
Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	No data available.
Octamethylcyclotetrasiloxane	No data available.

Target Organs:

Tetraethyl Silicate	Respiratory tract irritation.

Aspiration Hazard

Product: No data available.

Specified substance(s)

Kieselguhr, soda ash flux-calcined	No data available.
Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	No data available.
Octamethylcyclotetrasiloxane	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:

Kieselguhr, soda ash flux-calcined	No data available.
Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	No data available.
Octamethylcyclotetrasiloxane	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)

Kieselguhr, soda ash flux-calcined	No data available.
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.)
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)

Kieselguhr, soda ash flux-calcined	No data available.
Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	EC50 (Daphnia magna, 48 h): > 75 mg/l (OECD-Guideline 202)
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)

Kieselguhr, soda ash flux-calcined	No data available.
Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	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)

Kieselguhr, soda ash flux-calcined	No data available.
Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	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.

Specified substance(s)

Kieselguhr, soda ash flux-calcined	No data available.
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)
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)

Kieselguhr, soda ash flux-calcined	No data available.
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
Octamethylcyclotetrasiloxane	(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)

Kieselguhr, soda ash flux-calcined	No data available.
Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	No data available.
Octamethylcyclotetrasiloxane	No data available.

12.3 Bioaccumulative potential

Product:	No data available.

Specified substance(s)

Kieselguhr, soda ash flux-calcined	No data available.
Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	No data available.
Octamethylcyclotetrasiloxane	Bioconcentration Factor (BCF): 12.400

12.4 Mobility in soil: No data available.

Known or predicted distribution to environmental compartments

Kieselguhr, soda ash flux-calcined	No data available.
Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	No data available.
Octamethylcyclotetrasiloxane	No data available.

12.5 Results of PBT and vPvB assessment:	Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB)
Kieselguhr, soda ash flux-calcined	No data available.

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

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:

Kieselguhr, soda ash flux-calcined	No data available.
Cristobalite	No data available.
Silicic acid, ethyl ester	No data available.
Tetraethyl Silicate	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. Do not discharge into drains, water courses or onto the ground. See Section 8 for information on appropriate personal protective equipment.

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

SECTION 14: Transport information

ADR

Not Regulated.

ADN

Not Regulated.

RID

Not Regulated.

IATA

Not Regulated.

IMDG Code

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 Maritime transport in bulk according to IMO instruments

Product is not transported in bulk.

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
Tetraethyl Silicate	78-10-4	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
Kieselguhr, soda ash flux-calcined	68855-54-9	10 - 20%
Cristobalite	14464-46-1	1,0 - 10%
QUARTZ	14808-60-7	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.:

Chemical name	CAS-No.	Concentration
QUARTZ	14808-60-7	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
E1. Hazardous to the aquatic environment		
P5b. Flammable liquids	50 t	200 t
P5c. Flammable liquids	5.000 t	50.000 t
P5a. Flammable liquids	10 t	50 t

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	20 - 30%
Kieselguhr, soda ash flux-calcined	68855-54-9	10 - 20%

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

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.
Australia Industrial Chem. Act (AIIC):	On or in compliance with the inventory	Remarks: None.
Canada DSL Inventory List:	On or in compliance with the inventory	Remarks: None.
Canada NDSL Inventory:	Not in compliance with the inventory.	Remarks: None.
China Inv. Existing Chemical Substances:	On or in compliance with the inventory	Remarks: None.
Japan (ENCS) List:	On or in compliance with the inventory	Remarks: None.
Korea Existing Chemicals Inv. (KECI):	On or in compliance with the inventory	Remarks: None.
New Zealand Inventory of Chemicals:	On or in compliance with the inventory	Remarks: None.

Philippines PICCS:	On or in compliance with the inventory	Remarks: None.
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory	Remarks: None.
US TSCA Inventory:	On or in compliance with the inventory	Remarks: None.

SECTION 16: Other information

Revision Information: Not relevant.

Key literature references and sources for data: The partition coefficient of D4 between PDMS and water has been determined as log KPDMS-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

H226	Flammable liquid and vapor.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H361f	Suspected of damaging fertility.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

Training information: No data available.

Issue Date: 19.03.2024

RTV560/DBT

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 asa guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warrantyor 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.