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Signal Words: Danger

Hazard Statement(s): H225: Highly flammable liquid and vapor.
 H315: Causes skin irritation.
 H361d: Suspected of damaging the unborn child.
 H336: May cause drowsiness or dizziness.
 H373: May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements

Prevention: P201: Obtain special instructions before use.
 P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P233: Keep container tightly closed.
 P260: Do not breathe dust/fume/gas/mist/vapors/spray.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response: P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P312: Call a POISON CENTER/doctor if you feel unwell.
 P308+P313: IF exposed or concerned: Get medical advice/attention.
 P370+P378: In case of fire: Use alcohol resistant foam for extinction.

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 No data available.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

General information: No data available.

Chemical name	Concentration	CAS-No.	EC No.	REACH Registration No.	M-Factor:	Notes
Toluene	20 - <50%	108-88-3	203-625-9	01-2119471310-51-XXXX	No data available.	#
Decamethylcyclopentasiloxane	0,1 - <1%	541-02-6	208-764-9	01-2119511367-43-0002	No data available.	vPvB
Octamethylcyclopentasiloxane	0,1 - <1%	556-67-2	209-136-7	01-	No data	PBT, vPvB

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lotetrasiloxane				2119529238-36-0001	available.	
Dodecamethyl cyclohexasiloxane	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
Toluene	Flam. Liq.: 2: H225; Repr.: 2: H361d; Asp. Tox.: 1: H304; STOT RE: 2: H373; Skin Irrit.: 2: H315; STOT SE: 3: H336;	No data available.
Decamethylcyclopentasiloxane	No data available.	
Octamethylcyclotetrasiloxane	Flam. Liq.: 3: H226; Repr.: 2: H361f; Aquatic Chronic: 2: H411;	No data available.
Dodecamethylcyclohexasiloxane	No data available.	

CLP: Regulation No. 1272/2008.

SECTION 4: First aid measures

4.1 Description of first aid measures

- Inhalation:** Move to fresh air. Get medical attention if symptoms persist.
- Eye contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
- Skin Contact:** Take off immediately all contaminated clothing. Wash area with soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.
- Ingestion:** Do NOT induce vomiting. If conscious, drink plenty of water. Rinse mouth. 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 water spray to keep fire-exposed containers cool.

5.1 Extinguishing media

Suitable extinguishing media: Foam. Carbon dioxide

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

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5.2 Special hazards arising from the substance or mixture: In case of fire, carbon monoxide and carbon dioxide may be formed.

**5.3 Advice for firefighters
Special fire fighting procedures:** Keep away from sources of ignition - No smoking.

Special protective equipment for fire-fighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures: Remove sources of ignition. Keep up-wind to avoid fumes.

6.2 Environmental Precautions: Prevent runoff from entering drains, sewers, or streams. Avoid release to the environment.

6.3 Methods and material for containment and cleaning up: Collect spillage with granulates, sawdust, rags or other absorbent.

6.4 Reference to other sections: Caution: Contaminated surfaces may be slippery. Prevent runoff from entering drains, sewers, or streams. See Section 8 of the SDS for Personal Protective Equipment. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

SECTION 7: Handling and storage:

7.1 Precautions for safe handling: Static electricity and formation of sparks must be prevented. Avoid contact with skin and eyes. Wear appropriate personal protective equipment. Do not breathe vapor/spray.

Storage conditions: Keep away from sources of ignition - No smoking. Keep container tightly closed. Store in original container. Keep away from heat, sparks and open flame.

7.2 Conditions for safe storage, including any incompatibilities: Keep container tightly closed in a cool, well-ventilated place.

Storage Stability: Material is stable under normal conditions.

7.3 Specific end use(s): No data available.

SECTION 8: Exposure controls/personal protection

**8.1 Control Parameters
Occupational Exposure Limits**

Chemical name	Type	Exposure Limit Values	Source
Toluene	TWA	50 ppm 191 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
	STEL	100 ppm 384 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
	TWA	50 ppm 192 mg/m3	EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU (12 2009)
	STEL	100 ppm 384 mg/m3	EU. Indicative Exposure Limit Values in

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			Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU (12 2009)
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Biological Limit Values

None.

8.2 Exposure controls

Appropriate Engineering Controls:

Use only in well-ventilated areas. Use explosion-proof ventilation equipment to stay below exposure limits. Eye washes and showers for emergency use. Observe occupational exposure limits and minimize the risk of inhalation of vapors and mist. Observe good industrial hygiene practices.

Individual protection measures, such as personal protective equipment

General information:

Use only in well-ventilated areas. Do not eat, drink or smoke when using the product. Wash hands after handling. Eye washes and showers for emergency use. Observe occupational exposure limits and minimize the risk of inhalation of vapors and mist. Provide eyewash station and safety shower.

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: 395 Combi-Latex
 Minimum break through time: 10 min
 Glove thickness: 1,0 mm
 Guideline: EN 374

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: 890 Vitoject
 Minimum break through time: 480 min
 Glove thickness: 0,7 mm
 Guideline: EN 374

Other:

Wear suitable protective clothing.

Respiratory Protection:

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Respiratory protection mask with Filtertype ABEK

Hygiene measures:

Observe good industrial hygiene practices.

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

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Color:	Colorless
Odor:	Aromatic
Odor Threshold:	No data available.
pH:	No data available.
Freezing point:	No data available.
Boiling Point:	110 °C
Flash Point:	4,00 °C (Closed Cup)
Evaporation Rate:	No data available.
Flammability (solid, gas):	No data available.
Flammability Limit - Upper (%):	ca. 7 %(V) (No data available.)
Flammability Limit - Lower (%):	ca. 1,2 %(V) (No data available.)
Vapor pressure:	No data available.
Vapor density (air=1):	No data available.
Density:	0,9226 g/cm ³
Relative density:	No data available.
Solubility(ies)	
Solubility in Water:	No data available.
Solubility (other):	Soluble in toluene
Partition coefficient (n-octanol/water) Log Pow:	No data available.
Autoignition Temperature:	ca. 536 °C
Decomposition Temperature:	Material is stable under normal conditions.
SADT:	No data available.
Viscosity, dynamic:	No data available.
Viscosity, kinematic:	> 21 mm ² /s (20 °C)
Explosive properties:	No data available.
Oxidizing properties:	No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity:	Material is stable under normal conditions.
10.2 Chemical Stability:	Material is stable under normal conditions.
10.3 Possibility of hazardous reactions:	Hazardous polymerisation does not occur.
10.4 Conditions to avoid:	Keep away from sources of ignition - No smoking.
10.5 Incompatible Materials:	Oxidizing agents.
10.6 Hazardous Decomposition Products:	Carbon dioxide Carbon Monoxide. Oxides of silicon. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

SECTION 11: Toxicological information

General information:	Toxicological information on this product is not available.
Information on likely routes of exposure	
Inhalation:	No data available.
Ingestion:	No data available.

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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)

Toluene No data available.
 Decamethylcyclopentasiloxane LD 50 (Rat): > 5.000 mg/kg
 Octamethylcyclotetrasiloxane LD 50 (Rat): 4.800 mg/kg
 Dodecamethylcyclohexasiloxane LD 50 (Rat): 2.000 mg/kg

Dermal

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

Specified substance(s)

Toluene LD 50 (Rabbit): 12.124 mg/kg
 Decamethylcyclopentasiloxane LD 50 (Rabbit): > 2.000 mg/kg
 Octamethylcyclotetrasiloxane LD 50 (Rat): > 2.400 mg/kg
 Dodecamethylcyclohexasiloxane LD 50 (Rat): 2.000 mg/kg

Inhalation

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

Specified substance(s)

Toluene LC50 (Rat, 4,00 h): 30,6 mg/l
 Decamethylcyclopentasiloxane LC50 (Rat, 4 h): 8,67 mg/l
 Octamethylcyclotetrasiloxane LC50 (Rat, 4 h): 36 mg/l
 Dodecamethylcyclohexasiloxane No data available.

Repeated dose toxicity

Product: No data available.

Specified substance(s)

Toluene No data available.
 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
 NOAEC (Rat(male and female), Inhalation - vapor, 2 y): 160 ppm
 Octamethylcyclotetrasiloxane NOAEL (Rat(male and female), Inhalation - vapor(vapour)): 150 mg/kg
 NOAEL (Rabbit(male and female), Dermal): 950 mg/kg LOAEL (Rabbit(male and female), Dermal): 950 mg/kg
 Dodecamethylcyclohexasiloxane NOAEL (Rat(male and female), Oral): 1.000 mg/kg

Skin Corrosion/Irritation:

Product: No data available.

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Specified substance(s)

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

Toluene	No data available.
Decamethylcyclopentasiloxane	OECD Test Guideline 405 (Rabbit, 72 h): Non irritating
Octamethylcyclotetrasiloxane	OECD-Guideline 405 (Acute Eye Irritation/Corrosion) (Rabbit): Not irritating
Dodecamethylcyclohexasiloxane	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)

Toluene	No data available.
Decamethylcyclopentasiloxane	LLNA (Local Lymph Node Assay), OECD Guideline 429 (LLNA) (Mouse): Non sensitizing.
Octamethylcyclotetrasiloxane	, OECD-Guideline 406 (Skin Sensitisation) (Guinea Pig)Not sensitizing
Dodecamethylcyclohexasiloxane	Maximisation Test, OECD-Guideline 406 (Skin Sensitisation) (Guinea Pig): negative

Germ Cell Mutagenicity

In vitro

Product: No data available.

Specified substance(s)

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

In vivo

Product: No data available.

Specified substance(s)

Toluene	No data available.
Decamethylcyclopentasiloxane	(OECD-Guideline 474 (Genetic Toxicology: Micronucleus Test)) Inhalation (Rat, male and female)negative (not mutagenic) Vapor.
Octamethylcyclotetrasiloxane	Chromosomal aberration (OECD-Guideline 474 (Genetic Toxicology: Micronucleus Test)) Inhalation (Rat, male and female): negative Dominant lethal assay (OECD 478) Oral (Rat, male and female): negative

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Dodecamethylcyclohexas
iloxane 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)

Toluene No data available.
Decamethylcyclopentasil
oxane No data available.
Octamethylcyclotetrasilox
ane No data available.
Dodecamethylcyclohexas
iloxane No data available.

Reproductive toxicity

Product: No data available.

Specified substance(s)

Toluene No data available.
Decamethylcyclopentasil
oxane No data available.
Octamethylcyclotetrasilox
ane No data available.
Dodecamethylcyclohexas
iloxane No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specified substance(s)

Toluene No data available.
Decamethylcyclopentasil
oxane No data available.
Octamethylcyclotetrasilox
ane No data available.
Dodecamethylcyclohexas
iloxane No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Specified substance(s)

Toluene No data available.
Decamethylcyclopentasil
oxane No data available.
Octamethylcyclotetrasilox
ane No data available.
Dodecamethylcyclohexas
iloxane No data available.

Target Organs:

narcotic effects

Aspiration Hazard

Product: No data available.

Specified substance(s)

Toluene No data available.
Decamethylcyclopentasil
oxane No data available.

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Octamethylcyclotetrasiloxane 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)

Toluene LC0 (Leuciscus idus, 48 h): 52 mg/l (No data available.)
 LC50 (Leuciscus idus, 48 h): 70 mg/l (No data available.)
 LC50 (Pimephales promelas, 96 h): 34 mg/l (No data available.)
 Decamethylcyclopentasiloxane LC50 (Oncorhynchus mykiss, 96 h): > 0,0016 mg/l (OECD-Guideline 204)
 Octamethylcyclotetrasiloxane No data available.
 Dodecamethylcyclohexasiloxane No data available.

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

Toluene LC0 (Daphnia magna): 93 mg/l (No data available.)
 (Daphnia magna): 270 mg/l (No data available.)
 EC50 (Daphnia magna, 48 h): > 0,0029 mg/l (OECD Test Guideline 202)
 Decamethylcyclopentasiloxane
 Octamethylcyclotetrasiloxane No data available.
 Dodecamethylcyclohexasiloxane No data available.

Chronic Toxicity

Fish

Product: No data available.

Specified substance(s)

Toluene No data available.
 Decamethylcyclopentasiloxane NOEC (Oncorhynchus mykiss, 90 d): $\geq 0,0014$ mg/l (OECD-Guideline 210)
 LOEC (Oncorhynchus mykiss, 90 d): $> 0,0014$ mg/l (OECD-Guideline 210)
 Octamethylcyclotetrasiloxane No data available.
 Dodecamethylcyclohexasiloxane NOEC (Pimephales promelas, 49 d): 0,0044 mg/l

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

Toluene No data available.
 Decamethylcyclopentasiloxane NOEC (Daphnia magna, 21 d): $\geq 0,0015$ mg/l (OECD-Guideline 211)

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oxane	LOEC (Daphnia magna, 21 d): > 0,0015 mg/l
Octamethylcyclotetrasiloxane	No data available.
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)

Toluene	No data available.
Decamethylcyclopentasiloxane	EC50 (Algae (Pseudokirchneriella subcapitata), 96 h): > 0,0012 mg/l (OECD Test Guideline 201) NOEC : >= 0,0012 mg/l EC10 : > 0,0012 mg/l
Octamethylcyclotetrasiloxane	No data available.
Dodecamethylcyclohexasiloxane	EC50 (Algae (Pseudokirchneriella subcapitata), 72 h): > 0,002 mg/l (OECD Test Guideline 201) NOEC (Algae (Pseudokirchneriella subcapitata), 72 h): >= 0,002 mg/l (OECD Test Guideline 201)

12.2 Persistence and Degradability

Biodegradation

Product: No data available.

Specified substance(s)

Toluene	No data available.
Decamethylcyclopentasiloxane	activated sludge (adaptation not specified) (28 d, OECD Test Guideline 310): 0,14 % The product is not readily biodegradable.
Octamethylcyclotetrasiloxane	(29 d, 310 Ready Biodegradability - CO ₂ in Sealed Vessels (Headspace Test)): 3,7 % Persistent Not readily biodegradable.
Dodecamethylcyclohexasiloxane	No data available.

BOD/COD Ratio

Product: No data available.

Specified substance(s)

Toluene	No data available.
Decamethylcyclopentasiloxane	No data available.
Octamethylcyclotetrasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.

12.3 Bioaccumulative potential

Product: No data available.

Specified substance(s)

Toluene	No data available.
Decamethylcyclopentasiloxane	Fathead Minnow, Bioconcentration Factor (BCF): 7.060 (OECD Test Guideline 305)
Octamethylcyclotetrasiloxane	Fathead Minnow, Bioconcentration Factor (BCF): 12,40
Dodecamethylcyclohexasiloxane	No data available.

12.4 Mobility in soil:

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No data available.

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Known or predicted distribution to environmental compartments

Toluene	No data available.
Decamethylcyclopentasiloxane	No data available.
Octamethylcyclotetrasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.

12.5 Results of PBT and vPvB assessment:

Toluene	No data available.	
Decamethylcyclopentasiloxane	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). <i>However, 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.</i>
Octamethylcyclotetrasiloxane	Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB)	Octamethylcyclotetrasiloxane (D4) meets the current EU REACH Annex XIII criteria for PBT and vPvB and has been added to the candidate list for Substances of very high concern (SVHC). <i>However, 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>
Dodecamethylcyclohexasiloxane	vPvB: very persistent and very bioaccumulative substance.	Dodecamethylcyclohexasiloxane (D6) meets the current EU REACH Annex XIII criteria for vPvB and has been added to the candidate list for Substances of very high concern (SVHC). <i>However, D6 does not behave similarly to known PBT/vPvB substances. The silicones industries interpretation of the available data is that the weight of scientific evidence from field studies shows that D6 is not biomagnifying in aquatic and terrestrial food webs. D6 in air will degrade by naturally occurring reactions in the atmosphere. Any D6 in air that does not degrade by these reactions is not expected to deposit from the air to water, to land, or to living organisms.</i>

12.6 Other adverse effects: No data available.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

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

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

SECTION 14: Transport information

ADR

14.1 UN Number: UN 1866
14.2 UN Proper Shipping Name: RESIN SOLUTION
14.3 Transport Hazard Class(es)
Class: 3
Label(s): 3
Hazard No. (ADR): 33
Tunnel restriction code: (D/E)
14.4 Packing Group: II

14.5 Environmental Hazards: Not regulated.
Marine Pollutant No

ADN

14.1 UN Number: UN 1866
14.2 UN Proper Shipping Name: RESIN SOLUTION
14.3 Transport Hazard Class(es)
Class: 3
Label(s): 3
14.4 Packing Group: II

14.5 Environmental Hazards: Not regulated.
Marine Pollutant No

RID

14.1 UN Number: UN 1866
14.2 UN Proper Shipping Name: RESIN SOLUTION
14.3 Transport Hazard Class(es)
Class: 3
Label(s): 3
14.4 Packing Group: II

14.5 Environmental Hazards: Not regulated.
Marine Pollutant No

IMDG

14.1 UN Number: UN 1866
14.2 UN Proper Shipping Name: RESIN SOLUTION
14.3 Transport Hazard Class(es)
Class: 3
Label(s): 3
EmS No.: F-E, S-E
14.4 Packing Group: II
14.5 Environmental Hazards: Not regulated.
Marine Pollutant: No

IATA

14.1 UN Number: UN 1866
SDS_GB

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14.2 Proper Shipping Name: Resin solution
 14.3 Transport Hazard Class(es):
 Class: 3
 Label(s): 3
 14.4 Packing Group: II
 14.5 Environmental Hazards: Not regulated.
 Marine Pollutant: No

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 - <=0,3615%
Octamethylcyclotetrasiloxane	556-67-2	0 - <=0,3500%
Dodecamethylcyclohexasiloxane	540-97-6	0 - <=0,1874%

Regulation (EC) No. 1907/2006 Annex XVII Substances subject to restriction on marketing and use:

Chemical name	CAS-No.	Concentration
Toluene	108-88-3	30 - 40%

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.:

Chemical name	CAS-No.	Concentration
Toluene	108-88-3	30 - 40%

Directive 96/82/EC (Seveso III): on the control of major accident hazards involving dangerous substances: none

EU. Regulation No. 166/2006 PRTR (Pollutant Release and Transfer Registry), Annex II: Pollutants: none

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	30 - 40%

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Octamethylcyclotetrasiloxane	556-67-2	0,1 - 1,0%
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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 AICS:	On or in compliance with the inventory	Remarks: None.
Canada DSL Inventory List:	On or in compliance with the inventory	Remarks: None.
EINECS, ELINCS or NLP:	On or in compliance with the inventory	Remarks: None.
Japan (ENCS) List:	Not in compliance with the inventory.	Remarks: None.
China Inv. Existing Chemical Substances:	On or in compliance with the inventory	Remarks: None.
Korea Existing Chemicals Inv. (KECI):	On or in compliance with the inventory	Remarks: None.
Canada NDSL Inventory:	Not in compliance with the inventory.	Remarks: None.
Philippines PICCS:	On or in compliance with the inventory	Remarks: None.
US TSCA Inventory:	On or in compliance with the inventory	Remarks: None.
New Zealand Inventory of Chemicals:	On or in compliance with the inventory	Remarks: None.
Taiwan Chemical Substance 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: No data available.

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.
H361d	Suspected of damaging the unborn child.
H361f	Suspected of damaging fertility.
H373	May cause damage to organs through prolonged or repeated exposure.

PSA6573A

H411 Toxic to aquatic life with long lasting effects.

Training information: No data available.

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

Flam. Liq. 2, H225

Skin Corr. 2, H315

Repr. 2, H361d

STOT SE 3, H336

STOT RE 2, H373

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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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