

Silopren Bonding Agent 1-0

Chronic hazards to the aquatic environment

Category 2

H411: Toxic to aquatic life with long lasting effects.

2.2 Label Elements

Contains:

WHITE SPIRIT (CONTENT OF BENZENE < 0,1%)



Signal Words:

Danger

Hazard Statement(s):

H226: Flammable liquid and vapor.
 H336: May cause drowsiness or dizziness.
 H372: Causes damage to organs through prolonged or repeated exposure.
 H304: May be fatal if swallowed and enters airways.
 H411: Toxic to aquatic life with long lasting effects.

Precautionary Statements

Prevention:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P240: Ground and bond container and receiving equipment.
 P241: Use explosion-proof electrical, ventilating and lighting equipment.
 P242: Use non-sparking tools.
 P243: Take action to prevent static discharges.
 P260: Do not breathe dust/fume/gas/mist/vapors/spray.
 P270: Do not eat, drink or smoke when using this product.
 P273: Avoid release to the environment.

Response:

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.
 P331: Do NOT induce vomiting.
 P312: Call a POISON CENTER or doctor/ physician if you feel unwell.
 P314: Get medical advice/attention if you feel unwell.
 P370 + P378: In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
 P391: Collect spillage.

Storage:

P403+P235: Store in a well-ventilated place. Keep cool.

Unknown toxicity - Health

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

Unknown toxicity - Environment

Acute hazards to the aquatic environment	0 %
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Chronic hazards to the aquatic environment 0 %

Additional Information: No data available.

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: Bonding agent

3.2 Mixtures

General information: No data available.

Chemical name	Concentration	CAS-No.	EC No.	REACH Registration No.	M-Factor:	Notes
WHITE SPIRIT (CONTENT OF BENZENE < 0,1%)	50 - <100%	64742-82-1	265-185-4	01-2119458049-33-XXXX	Not applicable	#
Cyclisiloxane ester	1 - <5%	Trade secret	Trade secret	Trade secret	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
WHITE SPIRIT (CONTENT OF BENZENE < 0,1%)	STOT SE: 3: H336; STOT RE: 1: H372; Asp. Tox.: 1: H304; Aquatic Chronic: 2: H411;	

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Cyclicsiloxane ester	Aquatic Chronic: 4: H413;	
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: Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention if symptoms occur.

Skin Contact: Wash the skin immediately with soap and water. In case of skin reactions, consult a doctor.

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

4.2 Most important symptoms and effects, both acute and delayed: Symptoms may be delayed.

4.3 Indication of any immediate medical attention and special treatment needed

Hazards: May be fatal if swallowed.

Treatment: If swallowed, do NOT induce vomiting. Give a glass of water.

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. Move containers from fire area if you can do so without risk.

5.1 Extinguishing media Suitable extinguishing media:

All standard extinguishing agents are suitable.

Unsuitable extinguishing media:

Avoid water in straight hose stream; will scatter and spread fire.

5.2 Special hazards arising from the substance or mixture:

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

5.3 Advice for firefighters Special fire-fighting procedures:

Static electricity and formation of sparks must be prevented. Product may charge electrostatically during pouring or filling.

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

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- 6.1 Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment.
- 6.2 Environmental Precautions:** Prevent runoff from entering drains, sewers, or streams.
- 6.3 Methods and material for containment and cleaning up:** Remove sources of ignition. Take up with an absorbent for chemicals or, otherwise use dry sand. Caution: Contaminated surfaces may be slippery.
- 6.4 Reference to other sections:** Caution: Contaminated surfaces may be slippery. Prevent runoff from entering drains, sewers, or streams.

SECTION 7: Handling and storage:

- 7.1 Precautions for safe handling:** Do not get in eyes, on skin, on clothing. Do not taste or swallow. Use only in well-ventilated areas. Wear protective gloves/protective clothing/eye protection/face protection. Product may charge electrostatically during pouring or filling. All equipment used when handling the product must be grounded.
- Storage conditions:** Keep away from heat, sparks and open flame. Store in original container. Keep container tightly closed in a cool, well-ventilated place.
- 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
WHITE SPIRIT (CONTENT OF BENZENE < 0,1%)	STEL	50 ppm 290 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL, as amended (2014)
	TWA	20 ppm 116 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: Use only in well-ventilated areas. Do not eat, drink or smoke when using the product. Keep from contact with clothing and other combustible materials. Remove and wash contaminated clothing promptly. Use explosion-proof ventilation equipment. Eye washes and showers for emergency use.

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

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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:	Wear suitable protective clothing and eye/face protection.
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:	Colorless
Odor:	Faint
Odor Threshold:	No data available.
pH:	No data available. No data available.
Freezing point:	> -60 °C (ISO 3016)
Boiling Point:	No data available. No data available.
Flash Point:	43 °C
Evaporation Rate:	(n-Butyl acetate=1)
Flammability (solid, gas):	No data available.
Flammability Limit - Upper (%):	No data available.
Flammability Limit - Lower (%):	No data available.
Vapor pressure:	24 hPa (20 °C) (EU A4) 87 hPa (50 °C) (EU A4) 102 hPa (55 °C) (EU A4)
Relative vapor density:	No data available.
Density:	0,93 g/cm ³ (20 °C) (DIN 51757)
Relative density:	0,93
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:	Material is stable under normal conditions.
SADT:	No data available.
Viscosity, dynamic:	< 10 mPa·s (20 °C, DIN 53019/1)
Viscosity, kinematic:	< 10 mm ² /s (40 °C)
Explosive properties:	No data available.
Oxidizing properties:	No data available.

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9.2 Other information
 No data available.

SECTION 10: Stability and reactivity

- 10.1 Reactivity:** No dangerous reaction if used as recommended.
- 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:** Keep away from sources of ignition - No smoking. Keep away from heat.
- 10.5 Incompatible Materials:** Oxidizing agents.
- 10.6 Hazardous Decomposition Products:** Carbon oxides Oxides of silicon. Evolves hydrogen on contact with acids, alkalis, alcohols, powdered metals or, as the case may be, metal oxides. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation. This product may generate hydrogen gas. Keep away from ignition source. Empty container after use should be stored in separate area, and be disposed after degassing completely.

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 toxicological effects

Acute toxicity

Oral

- Product:** Not classified for acute toxicity based on available data.
- Specified substance(s)**
- WHITE SPIRIT
 (CONTENT OF
 BENZENE < 0,1%)
 Cyclicsiloxane ester 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)**
- WHITE SPIRIT
 (CONTENT OF
 BENZENE < 0,1%) No data available.

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Cyclcsiloxane ester LD 50 (Rat): > 2.000 mg/kg

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

Inhalation

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

Specified substance(s)

WHITE SPIRIT No data available.

(CONTENT OF

BENZENE < 0,1%)

Cyclcsiloxane ester No data available.

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

ane

Repeated dose toxicity

Product: No data available.

Specified substance(s)

WHITE SPIRIT No data available.

(CONTENT OF

BENZENE < 0,1%)

Cyclcsiloxane ester No data available.

Octamethylcyclotetrasiloxane No data available.

ane

Skin Corrosion/Irritation:

Product: No data available.

Specified substance(s)

WHITE SPIRIT No data available.

(CONTENT OF

BENZENE < 0,1%)

Cyclcsiloxane ester No data available.

Octamethylcyclotetrasiloxane OECD Test Guideline 404 (Rabbit): Non irritating

oxane

Serious Eye Damage/Eye

Irritation:

Product: No data available.

Specified substance(s)

WHITE SPIRIT No data available.

(CONTENT OF

BENZENE < 0,1%)

Cyclcsiloxane ester (Rabbit): No eye irritation

Octamethylcyclotetrasiloxane OECD-Guideline 405 (Acute Eye Irritation/Corrosion) (Rabbit): Non irritating

oxane

Respiratory or Skin

Sensitization:

Product: No data available.

Specified substance(s)

WHITE SPIRIT No data available.

(CONTENT OF

BENZENE < 0,1%)

Cyclcsiloxane ester Magnusson-Kligmann (Guinea Pig): Did not cause sensitization on laboratory animals.

Octamethylcyclotetrasiloxane Maximisation Test, OECD-Guideline 406 (Skin Sensitisation) (Guinea Pig): Not sensitizing

oxane

Germ Cell Mutagenicity

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In vitro

Product: No data available.

Specified substance(s)

WHITE SPIRIT (CONTENT OF BENZENE < 0,1%) No data available.

Cyclcsiloxane ester 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)

WHITE SPIRIT (CONTENT OF BENZENE < 0,1%) No data available.

Cyclcsiloxane ester Micronucleus test Oral (Mouse): negative (not mutagenic)

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)

WHITE SPIRIT (CONTENT OF BENZENE < 0,1%) No data available.

Cyclcsiloxane ester No data available.

Octamethylcyclotetrasiloxane No data available.

Reproductive toxicity

Product: No data available.

Specified substance(s)

WHITE SPIRIT (CONTENT OF BENZENE < 0,1%) No data available.

Cyclcsiloxane ester No data available.

Octamethylcyclotetrasiloxane No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specified substance(s)

WHITE SPIRIT (CONTENT OF BENZENE < 0,1%) No data available.

Cyclcsiloxane ester No data available.

Octamethylcyclotetrasiloxane No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Specified substance(s)

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WHITE SPIRIT (CONTENT OF BENZENE < 0,1%) Cyclcsiloxane ester	No data available.
Octamethylcyclotetrasiloxane	No data available.

Aspiration Hazard

Product: No data available.

Specified substance(s)

WHITE SPIRIT (CONTENT OF BENZENE < 0,1%) Cyclcsiloxane ester	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:

WHITE SPIRIT (CONTENT OF BENZENE < 0,1%) Cyclcsiloxane ester	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)

WHITE SPIRIT (CONTENT OF BENZENE < 0,1%) Cyclcsiloxane ester	No data available.
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)

WHITE SPIRIT (CONTENT OF BENZENE < 0,1%) Cyclcsiloxane ester	No data available.
	EC50 (Daphnia magna, 48 h): > 8 mg/l

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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)

WHITE SPIRIT (CONTENT OF BENZENE < 0,1%) No data available.

Cyclicsiloxane ester 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)

WHITE SPIRIT (CONTENT OF BENZENE < 0,1%) No data available.

Cyclicsiloxane ester 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)

WHITE SPIRIT (CONTENT OF BENZENE < 0,1%) No data available.

Cyclicsiloxane ester 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)

WHITE SPIRIT (CONTENT OF BENZENE < 0,1%) No data available.

Cyclicsiloxane ester No data available.

Octamethylcyclotetrasiloxane (29 d, 310 Ready Biodegradability - CO₂ in Sealed Vessels (Headspace Test)): 3,7 % Persistent Not readily biodegradable.

BOD/COD Ratio

Product No data available.

Specified substance(s)

WHITE SPIRIT (CONTENT OF BENZENE < 0,1%) No data available.

Cyclicsiloxane ester No data available.

Octamethylcyclotetrasiloxane No data available.

ane No data available.

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12.3 Bioaccumulative potential

Product:	No data available.
Specified substance(s)	
WHITE SPIRIT (CONTENT OF BENZENE < 0,1%)	No data available.
Cyclcilsiloxane ester	No data available.
Octamethylcyclotetrasiloxane	Bioconcentration Factor (BCF): 12.400

12.4 Mobility in soil:

No data available.

Known or predicted distribution to environmental compartments

WHITE SPIRIT (CONTENT OF BENZENE < 0,1%)	No data available.
Cyclcilsiloxane ester	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)

WHITE SPIRIT (CONTENT OF BENZENE < 0,1%)	No data available.
Cyclcilsiloxane ester	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:	
WHITE SPIRIT (CONTENT OF BENZENE < 0,1%)	No data available.
Cyclcilsiloxane ester	No data available.
Octamethylcyclotetrasiloxane	No data available.

12.7 Other adverse effects:

Other hazards

Product: No data available.

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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

14.1 UN number or ID number: UN 1993
 14.2 UN Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.(Solvent Naphtha)
 14.3 Transport Hazard Class(es)
 Class: 3
 Label(s): 3
 Hazard No. (ADR): 30
 Tunnel restriction code: (D/E)
 14.4 Packing Group: III
 14.5 Environmental Hazards: Yes
 Marine Pollutant Yes

ADN

14.1 UN number or ID number: UN 1993
 14.2 UN Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.(Solvent Naphtha)
 14.3 Transport Hazard Class(es)
 Class: 3
 Label(s): 3
 14.4 Packing Group: III
 14.5 Environmental Hazards: Yes
 Marine Pollutant Yes

RID

14.1 UN number or ID number: UN 1993
 14.2 UN Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.(Solvent Naphtha)
 14.3 Transport Hazard Class(es)
 Class: 3
 Label(s): 3
 14.4 Packing Group: III
 14.5 Environmental Hazards: Yes
 Marine Pollutant Yes

IMDG

14.1 UN number or ID number: UN 1993
 14.2 UN Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.(Solvent Naphtha)
 14.3 Transport Hazard Class(es)
 Class: 3
 Label(s): 3
 EmS No.: F-E, S-E
 14.4 Packing Group: III
 14.5 Environmental Hazards: Yes

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Marine Pollutant: Yes

IATA

14.1 UN number or ID number: UN 1993
 14.2 Proper Shipping Name: Flammable liquid, n.o.s.(Solvent Naphtha)
 14.3 Transport Hazard Class(es):
 Class: 3
 Label(s): 3
 14.4 Packing Group: III
 14.5 Environmental Hazards: Yes
 Marine Pollutant: Yes

14.6 Special precautions for user: Keep away from food, foodstuff, acids and bases. 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
WHITE SPIRIT (CONTENT OF BENZENE < 0,1%)	64742-82-1	50 - 60%

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
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WHITE SPIRIT (CONTENT OF BENZENE < 0,1%)	64742-82-1	50 - 60%
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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
WHITE SPIRIT (CONTENT OF BENZENE < 0,1%)	64742-82-1	50 - 60%

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

Classification	Lower-tier Requirements	Upper-tier Requirements
E2. Hazardous to the aquatic environment	200 t	500 t
P5c. Flammable liquids	5.000 t	50.000 t

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
WHITE SPIRIT (CONTENT OF BENZENE < 0,1%)	64742-82-1	50 - 60%

15.2 Chemical safety assessment:

No Chemical Safety Assessment has been carried out.

Inventory Status

Canada DSL Inventory List:	Not 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):	Not 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: Commercial Status: Active
New Zealand Inventory of Chemicals:	Not in compliance with the inventory.	Remarks: None.
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory	Remarks: None.
Australia Industrial Chem. Act (AIC):	Not in compliance with the inventory.	Remarks: None.

REACH: **Silopren Bonding Agent 1-0**
If purchased from Momentive Performance Materials GmbH in Leverkusen, Germany, all substances in this product have been registered by Momentive Performance Materials GmbH or upstream in our supply chain or are exempt from registration under Regulation (EC) No 1907/2006 (REACH). For polymers, this includes the constituent monomers and other reactants. Remarks: None.

SECTION 16: Other information

Revision Information: Not relevant.

Key literature references and sources for data: No data available.

Wording of the H-statements in section 2 and 3

H226	Flammable liquid and vapor.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H361f	Suspected of damaging fertility.
H372	Causes 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.
H413	May cause long lasting harmful effects to aquatic life.

Training information: No data available.

Issue Date: 14.11.2022

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Disclaimer:

Notice to reader

Unless otherwise specified in section 1.2, Momentive Products are intended for industrial application only.

They are not intended for specific medical applications, neither for long-lasting (> 30 days) implantation into the human body, injected or directly ingested, nor for the manufacture of multiple usable contraceptives.

Further Information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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