

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: SS4004P

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

Identified uses: Primer

Industrial Professional

Uses advised against: Not known.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Importer/Distributor Information : Momentive Performance Materials GmbH
Chempark Leverkusen Gebaeude V7
DE - 51368 Leverkusen
Germany

Contact person : commercial.services@momentive.com

Telephone : General information
+390510924300 (Customer Service Centre)

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Emergency telephone number : Europe, Israel & All other: +44 (0) 1235239670; Middle East:+44
(0) 1235239671

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product has been classified according to the legislation in force.

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

Physical Hazards

Flammable liquids	Category 2	H225: Highly flammable liquid and vapor.
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Health Hazards

Skin irritation	Category 2	H315: Causes skin irritation.
Serious eye irritation	Category 2	H319: Causes serious eye irritation.
Specific Target Organ Toxicity - Single Exposure	Category 3	H336: May cause drowsiness or dizziness. H335: May cause respiratory irritation.
Specific Target Organ Toxicity - Repeated Exposure	Category 2 ¹ .	H373: May cause damage to organs through prolonged or repeated exposure.
Aspiration Hazard	Category 1	H304: May be fatal if swallowed and enters airways.

Target Organs

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1. Liver, Kidney

2.2 Label Elements

Contains:

Acetone
2-Propanol
Xylene
Ethylbenzene
Tetraethyl Silicate



Signal Words:

Danger

Hazard Statement(s):

H225: Highly flammable liquid and vapor.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
H336: May cause drowsiness or dizziness.
H373: May cause damage to organs through prolonged or repeated exposure.
H304: May be fatal if swallowed and enters airways.

Precautionary Statements

Prevention:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233: Keep container tightly closed.
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.
P264: Wash face, hands and any exposed skin thoroughly after handling.
P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331: Do NOT induce vomiting.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P362+P364: Take off contaminated clothing and wash it before reuse.
P312: Call a POISON CENTER or doctor/ physician if you feel unwell.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.
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.

Storage:

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

Supplemental label information

EUH066: Repeated exposure may cause skin dryness or cracking.

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Unknown toxicity - Health

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

Additional Information: No data available.

2.3 Other hazards

Endocrine disrupting properties-Toxicity

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Endocrine disrupting properties-Ecotoxicity

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

Chemical nature: Silicone resin in solvent(s)

3.2 Mixtures

General information: No data available.

Chemical name	Concentration	CAS-No.	EC No.	REACH Registration No.	M-Factor:	Notes
Acetone	20 - <50%	67-64-1	200-662-2	01-2119471330-49-XXXX	Not applicable	#
2-Propanol	20 - <50%	67-63-0	200-661-7	01-2119457558-25-XXXX	Not applicable	
Xylene	10 - <20%	1330-20-7	215-535-7	01-2119488216-32-XXXX	Not applicable	#
Ethylbenzene	5 - <10%	100-41-4	202-849-4	01-2119489370-35-XXXX	Not applicable	#
Tetraethyl Silicate	1 - <5%	78-10-4	201-083-8	01-2119496195-28-XXXX	Not applicable	#

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n-BUTANOL	1 - <3%	71-36-3	200-751-6	01-2119484630-38-XXXX	Not applicable	#
RHODAMINE	0,01 - <0,1%	989-38-8	213-584-9	No data available.	Aquatic Toxicity (Acute): 10; Aquatic Toxicity (Chronic): 1	

* 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
Acetone	Flam. Liq.: 2: H225; Eye Irrit.: 2: H319; STOT SE: 3: H336;	No data available.
2-Propanol	Flam. Liq.: 2: H225; Eye Irrit.: 2: H319; STOT SE: 3: H336; No data available.	No data available.
Xylene	Flam. Liq.: 3: H226; Acute Tox.: 4: H312; Acute Tox.: 4: H332; Skin Corr.: 2: H315; Eye Dam.: 2: H319; STOT SE: 3: H335; STOT RE: 2: H373; Asp. Tox.: 1: H304; No data available.	Note C Note C
Ethylbenzene	Flam. Liq.: 2: H225; STOT RE: 2: H373; Asp. Tox.: 1: H304; Acute Tox.: 4: H332; Aquatic Chronic: 3: H412;	No data available. 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.
n-BUTANOL	Flam. Liq.: 3: H226; Acute Tox.: 4: H302; Skin Corr.: 2: H315; Eye Dam.: 1: H318; STOT SE: 3: H335; STOT SE: 3: H336;	No data available.
RHODAMINE	Acute Tox.: 3: H301; Eye Dam.: 1: H318; Skin Sens.: 1B: H317; Aquatic Chronic: 1: H410; Aquatic Acute: 1: H400;	

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:	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor. Consult a physician for specific advice.
Skin Contact:	Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Contact physician if irritation continues.
Ingestion:	If swallowed, do NOT induce vomiting. Give a glass of water. Get medical attention if symptoms persist.

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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:

May be fatal if swallowed. Vapor concentrations above recommended exposure levels are irritating to the eyes and the respiratory tract, may cause headaches and dizziness, are anesthetic and may have other severe central nervous system effects. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

Treatment:

If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor. If swallowed, do NOT induce vomiting. Give a glass of water. Remove from contaminated area. Apply artificial respiration if not breathing. If swallowed, rinse mouth with water (only if the person is conscious).

SECTION 5: Firefighting measures

General Fire Hazards:

Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Use water spray to keep fire-exposed containers cool. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. 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:

Vapors are heavier than air and may spread near ground to sources of ignition. Vapours may form explosive mixture with air.

**5.3 Advice for firefighters
Special fire-fighting procedures:**

Take precautionary measures against static discharges. Product may charge electrostatically during pouring or filling. All equipment used when handling the product must be grounded.

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:

Avoid contact with eyes, skin, and clothing. Use personal protective equipment. Evacuate area. Remove sources of ignition. Keep unprotected persons away. Wash skin thoroughly with soap and water. DO NOT touch spilled material. Handle and open container with care. Keep container tightly closed and in a well-ventilated place. Use only in well-ventilated areas. In case of insufficient ventilation, wear suitable respiratory equipment.

6.2 Environmental Precautions:

Do not allow runoff to sewer, waterway or ground.

6.3 Methods and material for containment and cleaning up:

In case of spills, beware of slippery floors and surfaces. Contain spillages with sand, earth or any suitable adsorbent material. Shovel up and place in a container for salvage or disposal.

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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. 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 eyes, skin, and clothing. Do not taste or swallow. Wash hands after handling. See Section 8 of the SDS for Personal Protective Equipment. Product may charge electrostatically during pouring or filling. All equipment used when handling the product must be grounded.

Storage conditions:

No data available.

7.2 Conditions for safe storage, including any incompatibilities:

Keep away from food, drink and animal feeding stuffs. Keep away from combustible material. Avoid heat, sparks, open flames and other ignition sources.

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
Acetone	TWA	500 ppm 1.210 mg/m3	EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended (12 2009)
	TWA	500 ppm 1.210 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL, as amended (2014)
	STEL	1.000 ppm 2.420 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL, as amended (2014)
Xylene	STEL	100 ppm 442 mg/m3	EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended (12 2009)
	TWA	50 ppm 221 mg/m3	EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended (12 2009)
	TWA	50 ppm 221 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL, as amended (2014)
	STEL	100 ppm 442 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL, as amended (2014)
Ethylbenzene	TWA	100 ppm 442 mg/m3	EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended (12 2009)
	STEL	200 ppm 884 mg/m3	EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended (12 2009)
	TWA	100 ppm 442 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL, as amended (2014)
	STEL	200 ppm 884 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL, as amended (2014)
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)

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	TWA	5 ppm 44 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL, as amended (2014)
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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:

Ensure adequate ventilation, especially in confined areas. Provide eyewash station and safety shower.

Individual protection measures, such as personal protective equipment

General information:

Use only in well-ventilated areas.

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
Glove thickness: 0,4 mm
Guideline: EN 374

Other:

No data available.

Respiratory Protection:

No protection is ordinarily required under normal conditions of use and with adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

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Hygiene measures:	Ensure adequate ventilation, especially in confined areas. Avoid contact with eyes, skin, and clothing. Observe good industrial hygiene practices. Wash hands after handling. When using do not eat, drink or smoke.
Environmental exposure controls:	No release to wastewater from process as such, wastewater emissions limited to release generated from final equipment cleaning step using water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state:	liquid
Form:	liquid
Color:	Red
Odor:	Pungent
Odor Threshold:	No data available.
pH:	Not applicable substance/mixture is non-soluble (in water)
Freezing point:	No data available.
Boiling Point:	56,5 °C
Flash Point:	ca. -12 °C
Evaporation Rate:	> 1
Flammability (solid, gas):	No data available.
Flammability Limit - Upper (%):	12 %(V)
Flammability Limit - Lower (%):	1 %(V)
Vapor pressure:	No data available.
Relative vapor density:	No data available.
Density:	ca. 0,855 g/cm3
Relative density:	ca. 0,80
Solubility(ies)	
Solubility in Water:	partly miscible
Solubility (other):	No data available.
Partition coefficient (n-octanol/water) Log Pow:	No data available.

Auto-ignition temperature:	> 343 °C
Decomposition Temperature:	Fire or excessive heat may produce hazardous decomposition products.
SADT:	No data available.
Viscosity, dynamic:	No data available.
Viscosity, kinematic:	< 20,5 mm2/s (40 °C)
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. Avoid heat, sparks, open flames and other ignition sources.

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10.4 Conditions to avoid:	Heat, sparks, flames.
10.5 Incompatible Materials:	Strong Acids, Strong Bases Oxidizing agents.
10.6 Hazardous Decomposition Products:	Carbon 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.

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:	Causes skin irritation.
Eye contact:	Causes eye irritation.

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

Acute toxicity

Oral

Product:	ATEmix: 29.790,28 mg/kg
Specified substance(s)	
Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.
RHODAMINE	No data available.

Dermal

Product:	ATEmix: 5.582,42 mg/kg
Specified substance(s)	
Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.
RHODAMINE	No data available.

Inhalation

Product:	Vapour: ATEmix43,18 mg/l Dust and mist: ATEmix64,63 mg/l
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Specified substance(s)	
Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.

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RHODAMINE	No data available.
Repeated dose toxicity	
Product:	No data available.
Specified substance(s)	
Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	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
n-BUTANOL	No data available.
RHODAMINE	No data available.
Skin Corrosion/Irritation:	
Product:	No data available.
Specified substance(s)	
Acetone	No data available. (Rabbit): Corrosive
2-Propanol	No data available.
Xylene	(Rabbit): Slightly irritating.
Ethylbenzene	(Rabbit): Corrosive
Tetraethyl Silicate	OECD Test Guideline 404 (Rabbit): Non irritating
n-BUTANOL	(Rabbit): Corrosive
RHODAMINE	No data available.
Serious Eye Damage/Eye Irritation:	
Product:	No data available.
Specified substance(s)	
Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	(Rabbit): Slightly irritating.
Tetraethyl Silicate	OECD Test Guideline 405 (Rabbit, 72 h): Non irritating
n-BUTANOL	No data available. (Rabbit): Irritating to eyes.
RHODAMINE	No data available.
Respiratory or Skin Sensitization:	
Product:	No data available.
Specified substance(s)	
Acetone	, No data available. (negative)No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	Sensitisation, skin, OECD-Guideline 406 (Skin Sensitisation) (Guinea Pig): Non sensitizing.
n-BUTANOL	No data available.
RHODAMINE	No data available.
Germ Cell Mutagenicity	
In vitro	
Product:	No data available.
Specified substance(s)	
Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.

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Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.
RHODAMINE	No data available.

In vivo

Product:	No data available.
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Specified substance(s)

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.
RHODAMINE	No data available.

Carcinogenicity

Product:	No data available.
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Specified substance(s)

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.
RHODAMINE	No data available.

Reproductive toxicity

Product:	No data available.
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Specified substance(s)

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.
RHODAMINE	No data available.

Specific Target Organ Toxicity - Single Exposure

Product:	No data available.
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Specified substance(s)

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.
RHODAMINE	No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product:	No data available.
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Specified substance(s)

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.

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No data available.

Target Organs:
narcotic effects

narcotic effects

Aspiration Hazard
Product:

No data available.

Specified substance(s)

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.
RHODAMINE	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:

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.
RHODAMINE	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)

Acetone	LC50 (Lepomis macrochirus, 96 h): 8.300 mg/l (No data available.) LC0 (Leuciscus idus, 48 h): 6.320 mg/l (No data available.) LC50 (Leuciscus idus, 48 h): 7.505 mg/l (No data available.)
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	LC50 (Brachydanio rerio, 96 h): > 245 mg/l (Tested according to Directive 92/69/EEC.)
n-BUTANOL	No data available.
RHODAMINE	No data available.

Aquatic Invertebrates

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Product: No data available.

Specified substance(s)

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	EC50 (Daphnia magna, 48 h): > 75 mg/l (OECD-Guideline 202)
n-BUTANOL	No data available.
RHODAMINE	No data available.

Chronic Toxicity

Fish

Product: No data available.

Specified substance(s)

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.
RHODAMINE	No data available.

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.
RHODAMINE	No data available.

Toxicity to Aquatic Plants

Product: No data available.

Specified substance(s)

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	EC50 (Algae (Pseudokirchneriella subcapitata), 72 h): > 100 mg/l (OECD Test Guideline 201)
n-BUTANOL	No data available.
RHODAMINE	No data available.

12.2 Persistence and Degradability

Biodegradation

Product: No data available.

Specified substance(s)

Acetone	Biological degradability (5 d, No data available.): 50 % Biological degradability (28 d, No data available.): 78 %
2-Propanol	Biological degradability (5 d, No data available.): 82,5 %
Xylene	No data available.
Ethylbenzene	Biological degradability (28 d, No data available.): 68 %

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Tetraethyl Silicate	activated sludge, domestic (adaptation not specified) (28 d, OECD-Guideline 301 A (DOC Die-Away Test)): 98 % Readily biodegradable
n-BUTANOL	No data available.
RHODAMINE	No data available.

BOD/COD Ratio

Product	No data available.
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Specified substance(s)

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.
RHODAMINE	No data available.

12.3 Bioaccumulative potential

Product:	No data available.
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Specified substance(s)

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.
RHODAMINE	No data available.

12.4 Mobility in soil:

No data available.

Known or predicted distribution to environmental compartments

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.
RHODAMINE	No data available.

12.5 Results of PBT and vPvB assessment:

No data available.

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.
RHODAMINE	No data available.

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.
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Components:

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.

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n-BUTANOL
RHODAMINE

No data available.
No data available.

12.7 Other adverse effects:

Other hazards

Product: No data available.

Additional Information: Ecotoxicological data for this product is not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

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

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

SECTION 14: Transport information

ADR

14.1 UN number or ID number: UN 1993
14.2 UN Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. (Acetone, Isopropanol)
14.3 Transport Hazard Class(es): 3
Hazard No. (ADR): 33
Tunnel restriction code: (D/E)
14.4 Packing Group: II
14.5 **Environmental Hazards**
Environmentally Hazardous: No
Marine Pollutant: No

ADN

14.1 UN number or ID number: UN 1993
14.2 UN Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. (Acetone, Isopropanol)
14.3 Transport Hazard Class(es): 3
14.4 Packing Group: II
14.5 **Environmental Hazards**
Environmentally Hazardous: No
Marine Pollutant: No

RID

14.1 UN number or ID number: UN 1993
14.2 UN Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. (Acetone, Isopropanol)
14.3 Transport Hazard Class(es): 3
14.4 Packing Group: II
14.5 **Environmental Hazards**
Environmentally Hazardous: No
Marine Pollutant: No

IATA

14.1 UN number or ID number: UN 1993
14.2 UN Proper Shipping Name: Flammable liquid, n.o.s. (Acetone, Isopropanol)
14.3 Transport Hazard Class(es): 3
14.4 Packing Group: II
14.5 **Environmental Hazards**
Environmentally Hazardous: No
Marine Pollutant: No

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IMDG Code

- 14.1 UN number or ID number: UN 1993
14.2 UN Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. (Acetone, Isopropanol)
14.3 Transport Hazard Class(es): 3
EmS No.: F-E, S-E
14.4 Packing Group: II
14.5 **Environmental Hazards**
Environmentally Hazardous: No
Marine Pollutant: No

14.6 **Special precautions for user:** Keep away from food, foodstuff, acids and bases.

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
2-Propanol	67-63-0	20 - 30%
Xylene	1330-20-7	10 - 20%
Ethylbenzene	100-41-4	1,0 - 10%
Tetraethyl Silicate	78-10-4	1,0 - 10%
n-BUTANOL	71-36-3	1,0 - 10%

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.: none

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

Classification	Lower-tier Requirements	Upper-tier Requirements
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P5c. Flammable liquids	5.000 t	50.000 t
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EU. Regulation No. 166/2006 PRTR (Pollutant Release and Transfer Registry), Annex II: Pollutants:

Chemical name	CAS-No.	Concentration
Acetone	67-64-1	20 - 30%
Xylene	1330-20-7	10 - 20%
Ethylbenzene	100-41-4	1,0 - 10%

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

Chemical name	CAS-No.	Concentration
2-Propanol	67-63-0	20 - 30%
Xylene	1330-20-7	10 - 20%
Ethylbenzene	100-41-4	1,0 - 10%
Tetraethyl Silicate	78-10-4	1,0 - 10%
n-BUTANOL	71-36-3	1,0 - 10%

15.2 Chemical safety assessment:

No Chemical Safety Assessment has been carried out.

Inventory Status

Australia Industrial Chem. Act (AICC):	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:	Not 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.
REACH:	If purchased from Momentive Performance Materials GmbH in Leverkusen, Germany, all substances in this product have been registered by Momentive Performance Materials GmbH or upstream in our supply chain or are exempt from registration under Regulation (EC) No 1907/2006 (REACH). For polymers, this includes the constituent monomers and other reactants.	Remarks: None.

SECTION 16: Other information

Revision Information: Not relevant.
SDS_GB

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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.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful 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
Flam. Liq. 2, H225
Skin Corr. 2, H315
Skin Corr. 2, H315
Eye Dam. 2, H319
Eye Dam. 2, H319
STOT SE 3, H336
STOT SE 3, H336

Issue Date: 09.05.2024

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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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