

SS 4044P

SAFETY DATA SHEET

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

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

1.1 Product identifier

Product name: SS 4044P

Additional identification

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

Identified uses: Primer

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 : MomentiveEMEA.productsteward@momentive.com

Telephone : General information
 00800.4321.1000 (Customer Service Centre)

1.4

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

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

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

Physical Hazards

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

Acute toxicity (Dermal)	Category 4 ¹ .	H312: Harmful in contact with skin.
Acute toxicity (Inhalation - vapor)	Category 4 ⁴ .	H332: Harmful if inhaled.
Skin irritation	Category 2 ³ .	H315: Causes skin irritation.
Serious eye irritation	Category 2 ⁴ .	H319: Causes serious eye irritation.
Specific Target Organ Toxicity - Single Exposure	Category 3 ⁵ .	H336: May cause drowsiness or dizziness. H335: May cause respiratory irritation.
Specific Target Organ Toxicity - Repeated Exposure	Category 2 ⁶ .	H373: May cause damage to organs through prolonged or repeated exposure.

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Aspiration Hazard

Category 1⁺

H304: May be fatal if swallowed and enters airways.

Target Organs

1. Liver, Kidney

2.2 Label Elements

Contains:

Acetone
2-Propanol
Xylene
Ethylbenzene
Tetraethyl Silicate, Tetraethoxysilane



Signal Words:

Danger

Hazard Statement(s):

H225: Highly flammable liquid and vapor.
H304: May be fatal if swallowed and enters airways.
H312: Harmful in contact with skin.
H315: Causes skin irritation.
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.

Precautionary Statements

Prevention:

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:

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331: Do NOT induce vomiting.
P304+P312: IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
P340: Remove person to fresh air and keep comfortable for breathing.
P337+P313: If eye irritation persists: Get medical advice/attention.
P370+P378: In case of fire: Use to extinguish.

Supplemental label information

EUH066: Repeated exposure may cause skin dryness or cracking.

Unknown toxicity - Health

Acute toxicity, oral	1,79 %
Acute toxicity, dermal	1,79 %
Acute toxicity, inhalation, vapor	1,79 %
Acute toxicity, inhalation, dust or mist	1,79 %

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Additional Information: No data available.

2.3 Other hazards No data available.

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	No data available.	#
2-Propanol	20 - <50%	67-63-0	200-661-7	01-2119457558-25-XXXX	No data available.	#
Xylene	10 - <20%	1330-20-7	215-535-7	01-2119488216-32-XXXX	No data available.	#
Ethylbenzene	5 - <10%	100-41-4	202-849-4	01-2119489370-XXXX	No data available.	#
Tetraethyl Silicate, Tetraethoxysilane	1 - <5%	78-10-4	201-083-8	01-2119496195-28-0002	No data available.	
n-BUTANOL	1 - <3%	71-36-3	200-751-6	01-2119484630-XXXX	No data available.	#

* 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: H319STOT SE: 3: H336No data available.	No data available.
2-Propanol	Flam. Liq.: 2: H225 Eye Irrit.: 2: H319STOT SE: 3: H336	No data

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		available.
Xylene	Flam. Liq.: 3: H226 Asp. Tox.: 1: H304Eye Dam.: 2: H319STOT SE: 3: H335STOT RE: 2: H373Acute Tox.: 4: H332Acute Tox.: 4: H312Skin Irrit.: 2: H315	Note C
Ethylbenzene	Flam. Liq.: 2: H225 Acute Tox.: 4: H332STOT RE: 2: H373Asp. Tox.: 1: H304	No data available.
Tetraethyl Silicate, Tetraethoxysilane	Flam. Liq.: 3: H226 Acute Tox.: 4: H332Eye Irrit.: 2: H319STOT SE: 3: H335	No data available.
n-BUTANOL	Flam. Liq.: 3: H226 Acute Tox.: 4: H302STOT SE: 3: H335Skin Irrit.: 2: H315Eye Dam.: 1: H318STOT SE: 3: H336	No data available.

CLP: Regulation No. 1272/2008.

SECTION 4: First aid measures

4.1 Description of first aid measures

- Inhalation:** Move into fresh air and keep at rest. Get medical attention if symptoms persist.
- Eye contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
- Skin Contact:** Remove contaminated clothing and shoes. Wash area with soap and water. Wash contaminated clothing before reuse. Get medical attention if symptoms persist.
- Ingestion:** Do NOT induce vomiting. 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 standard firefighting procedures and consider the hazards of other involved materials. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.

5.1 Extinguishing media
Suitable extinguishing media: Foam. Carbon dioxide

Unsuitable extinguishing media: No data available.

5.2 Special hazards arising from the substance or mixture: No data available.

5.3 Advice for firefighters

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Special fire fighting procedures: No data available.

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: Use personal protective equipment. Keep up-wind to avoid fumes.

6.2 Environmental Precautions: Prevent runoff from entering drains, sewers, or streams.

6.3 Methods and material for containment and cleaning up: Collect spillage with granulates, sawdust, rags or other absorbent. Shovel up and place in a container for salvage or disposal.

6.4 Reference to other sections: No data available.

SECTION 7: Handling and storage:

7.1 Precautions for safe handling: Static electricity and formation of sparks must be prevented. All equipment used when handling the product must be grounded. Wear appropriate personal protective equipment. Use only with adequate ventilation. Do not breathe vapor/spray.

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

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	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
	STEL	1.500 ppm 3.620 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
2-Propanol	TWA	500 ppm 1.210 mg/m3	EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU (12 2009)
	STEL	500 ppm 1.250 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
Xylene	TWA	50 ppm 220 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
	STEL	100 ppm 441 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
Ethylbenzene	STEL	100 ppm 442 mg/m3	EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU (12 2009)
	TWA	50 ppm 221 mg/m3	EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU (12 2009)
Ethylbenzene	TWA	100 ppm 441 mg/m3	UK. EH40 Workplace Exposure Limits (WELs)

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				(12 2011)
	STEL	125 ppm	552 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
	TWA	100 ppm	442 mg/m3	EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU (12 2009)
	STEL	200 ppm	884 mg/m3	EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU (12 2009)
n-BUTANOL	STEL	50 ppm	154 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)

Biological Limit Values

None.

8.2 Exposure controls

Appropriate Engineering Controls: Provide eyewash station and safety shower. Local exhaust is recommended.

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 Face shield

Skin protection

Hand Protection:

Advice: Short time contact:
 Material: 395 Combi-Latex
 Minimum break through time: 10 min
 Glove thickness: 1,0 mm
 Guideline: EN 374
 Advice: Prolonged contact :
 Material: 890 Vitoject
 Minimum break through time: 30 min
 Glove thickness: 0,7 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).

Other: Wear rubber apron.

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

Hygiene measures: It is good practice in industrial hygiene to avoid contact with solvents by using appropriate protective measures whenever possible. 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 data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

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Physical state:	liquid
Form:	liquid
Color:	Pale yellow
Odor:	Pungent
Odor Threshold:	No data available.
pH:	No data available.
Freezing point:	No data available.
Boiling Point:	> 36 °C
Flash Point:	ca. -12 °C
Evaporation Rate:	No data available.
Flammability (solid, gas):	No data available.
Flammability Limit - Upper (%):	12 %(V) (No data available.)
Flammability Limit - Lower (%):	2,1 %(V) (No data available.)
Vapor pressure:	No data available.
Vapor density (air=1):	No data available.
Density:	ca. 0,855 g/cm ³
Relative density:	No data available.
Solubility(ies)	
Solubility in Water:	partly miscible
Solubility (other):	No data available.
Partition coefficient (n-octanol/water) Log Pow:	No data available.
Autoignition Temperature:	> 343 °C
Decomposition Temperature:	No decomposition if stored and applied as directed.
SADT:	No data available.
Viscosity, dynamic:	No data available.
Viscosity, kinematic:	< 20,5 mm ² /s (25 °C)
Explosive properties:	No data available.
Oxidizing properties:	No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity:	No data available.
10.2 Chemical Stability:	No data available.
10.3 Possibility of hazardous reactions:	No data available.
10.4 Conditions to avoid:	No data available.
10.5 Incompatible Materials:	Strong Acids, Strong Bases
10.6 Hazardous Decomposition Products:	No data available.

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.

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Information on likely routes of exposure

Inhalation:	No data available.
Ingestion:	No data available.
Skin Contact:	No data available.
Eye contact:	No data available.

11.1 Information on toxicological effects

Acute toxicity

Oral

Product:	ATEmix: 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, Tetraethoxysilane	No data available.
n-BUTANOL	No data available.

Dermal

Product:	ATEmix: 5.640,5 mg/kg
Specified substance(s)	
Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate, Tetraethoxysilane	No data available.
n-BUTANOL	No data available.

Inhalation

Product:	ATEmix56,41 mg/l Vapour ATEmix64,63 mg/l Dusts, mists and fumes
Specified substance(s)	
Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate, Tetraethoxysilane	No data available.
n-BUTANOL	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, Tetraethoxysilane	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.

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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, Tetraethoxysilane	OECD Test Guideline 404 (Rabbit): Non irritating
n-BUTANOL	(Rabbit): Corrosive

Serious Eye Damage/Eye Irritation:

Product: No data available.

Specified substance(s)

Acetone	No data available.
2-Propanol	(Rabbit): Strongly irritating.
Xylene	No data available.
Ethylbenzene	No data available. (Rabbit): slightly irritating (not classified according to the German Dangerous Substances legislation)
Tetraethyl Silicate, Tetraethoxysilane	OECD Test Guideline 405 (Rabbit, 72 h): Non irritating
n-BUTANOL	No data available. (Rabbit): Irritating to eyes.

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, Tetraethoxysilane	Sensitisation, skin, OECD-Guideline 406 (Skin Sensitisation) (Guinea Pig): Non sensitizing.
n-BUTANOL	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.
Tetraethyl Silicate,	Chinese Hamster Ovary (CHO) (OECD 476): negative
Tetraethoxysilane	Chromosomal aberration (OECD 473): negative
n-BUTANOL	No data available.

In vivo

Product: No data available.

Specified substance(s)

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.

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Ethylbenzene	No data available.
Tetraethyl Silicate,	No data available.
Tetraethoxysilane	
n-BUTANOL	No data available.

Carcinogenicity

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.
Tetraethoxysilane	
n-BUTANOL	No data available.

Reproductive 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,	No data available.
Tetraethoxysilane	
n-BUTANOL	No data available.

Specific Target Organ Toxicity - Single Exposure

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.
Tetraethoxysilane	
n-BUTANOL	No data available.

Specific Target Organ Toxicity - Repeated Exposure

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.
Tetraethoxysilane	
n-BUTANOL	No data available.

Target Organs:

narcotic effects

narcotic effects

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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, No data available.
 Tetraethoxysilane
 n-BUTANOL 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.)
 2-Propanol LC50 (Leuciscus idus, 48 h): 7.505 mg/l (No data available.)
 LC50 (Leuciscus idus, 48 h): 8.970 mg/l (No data available.)
 Xylene LC50 (Pimephales promelas, 96 h): > 65.500 mg/l (No data available.)
 LC50 (Leuciscus idus, 48 h): 86 mg/l (not applicable)
 LC50 (Pimephales promelas, 96 h): 13,4 mg/l (No data available.)
 Ethylbenzene LC50 (Salmo gairdneri, 96 h): 14 mg/l (No data available.)
 LC0 (Leuciscus idus, 48 h): 26 mg/l (No data available.)
 LC100 (Leuciscus idus, 48 h): 70 mg/l (No data available.)
 LC50 (Leuciscus idus, 48 h): 44 mg/l (No data available.)
 LC50 (Salmo gairdneri, 96 h): 4,2 mg/l (No data available.)
 Tetraethyl Silicate, LC50 (Brachydanio rerio, 96 h): > 245 mg/l (Tested according to Directive
 Tetraethoxysilane 92/69/EEC.)
 n-BUTANOL LC0 (Leuciscus idus, 48 h): > 1.000 mg/l (No data available.)
 LC50 (Leuciscus idus, 48 h): 1.520 mg/l (No data available.)
 LC50 (Pimephales promelas, 96 h): 1.730 mg/l (No data available.)

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

Acetone No data available.
 2-Propanol EC50 (Daphnia magna, 24 h): > 10.000 mg/l (No data available.)
 EC0 (Daphnia magna): 500 mg/l (No data available.)
 Xylene EC50 (Daphnia magna, 24 h): 165 mg/l (No data available.)
 Ethylbenzene LC0 (Daphnia magna): 137 mg/l (No data available.)
 (Daphnia magna): 184 mg/l (No data available.)
 LC100 (Daphnia magna): 200 mg/l (No data available.)
 Tetraethyl Silicate, EC50 (Daphnia magna, 48 h): > 75 mg/l (OECD-Guideline 202)
 Tetraethoxysilane
 n-BUTANOL No data available.

Chronic Toxicity

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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.
 Tetraethoxysilane
 n-BUTANOL 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.
 Tetraethoxysilane
 n-BUTANOL 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
 Tetraethoxysilane Test Guideline 201)
 n-BUTANOL 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 %
 Tetraethyl Silicate, activated sludge, domestic (adaptation not specified) (28 d, OECD-Guideline
 Tetraethoxysilane 301 A (DOC Die-Away Test)): 98 % Readily biodegradable
 n-BUTANOL No data available.

BOD/COD Ratio

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.
 Tetraethoxysilane
 n-BUTANOL No data available.

12.3 Bioaccumulative potential

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.
 Tetraethoxysilane
 n-BUTANOL 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.
 Tetraethoxysilane
 n-BUTANOL 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.
 Tetraethoxysilane
 n-BUTANOL No data available.

12.6 Other adverse effects:

No data available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

General information: No data available.

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

SECTION 14: Transport information

ADR

14.1 UN Number: UN 1993
 14.2 UN Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.(Acetone, Isopropanol)
 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

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Limited quantity 1,00L

Excepted quantity E2

14.5 Environmental Hazards: Not regulated.
Marine Pollutant No

ADN

14.1 UN Number: UN 1993
14.2 UN Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.(Acetone, Isopropanol)

14.3 Transport Hazard Class(es)
Class: 3
Label(s): 3
Hazard No. (ADR): –

14.4 Packing Group: II

Limited quantity 1,00L

Excepted quantity E2

14.5 Environmental Hazards: Not regulated.
Marine Pollutant No

RID

14.1 UN Number: UN 1993
14.2 UN Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.(Acetone, Isopropanol)

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 1993
14.2 UN Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.(Acetone, Isopropanol)

14.3 Transport Hazard Class(es)
Class: 3
Label(s): 3
EmS No.: F-E, S-E

14.4 Packing Group: II
Limited quantity 1,00L

Excepted quantity E2

14.5 Environmental Hazards: Not regulated.
Marine Pollutant: No

IATA

14.1 UN Number: UN 1993
14.2 Proper Shipping Name: Flammable liquid, n.o.s.(Acetone, Isopropanol)

14.3 Transport Hazard Class(es):
Class: 3
Label(s): 3

14.4 Packing Group: II
Cargo aircraft only Packing Instructions: 364

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Passenger and cargo aircraft 364
 Packing Instructions:
 Limited quantity: 1,00L
 Packing Instructions: Y341

Excepted quantity E2

14.5 Environmental Hazards: Not regulated.
 Marine Pollutant: No

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

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. 689/2008 Import and export of dangerous chemicals: none

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended: 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%
Ethylbenzene	100-41-4	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

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
2-Propanol	67-63-0	20 - 30%
Xylene	1330-20-7	10 - 20%
Ethylbenzene	100-41-4	1,0 - 10%
Tetraethyl Silicate, Tetraethoxysilane	78-10-4	1,0 - 10%

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n-BUTANOL	71-36-3	1,0 - 10%
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15.2 Chemical safety assessment: No Chemical Safety Assessment has been carried out.

Inventory Status

Australia AICS:	y (positive listing)	Remarks: None.
Canada DSL Inventory List:	y (positive listing)	Remarks: None.
EU EINECS List:	y (positive listing)	Remarks: None.
Japan (ENCS) List:	y (positive listing)	Remarks: None.
China Inventory of Existing Chemical Substances:	y (positive listing)	Remarks: None.
Korea Existing Chemicals Inv. (KECI):	y (positive listing)	Remarks: None.
Canada NDSL Inventory:	n (Negative listing)	Remarks: None.
Philippines PICCS:	y (positive listing)	Remarks: None.
US TSCA Inventory:	y (positive listing)	Remarks: On TSCA Inventory
New Zealand Inventory of Chemicals:	n (Negative listing)	Remarks: None.
Taiwan. Taiwan inventory (CSNN):	y (positive listing)	Remarks: None.

SECTION 16: Other information

Revision Information: Not relevant.

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

Wording of the H-statements in section 2 and 3

H225	Highly flammable liquid and vapor.
H226	Flammable liquid and vapor.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
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.

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

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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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