

SS 4155

# 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 4155

**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 3	H226: Flammable liquid and vapor.
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**Health Hazards**

Serious eye damage	Category 1 <sup>1</sup> .	H318: Causes serious eye damage.
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Specific Target Organ Toxicity - Single Exposure	Category 3 <sup>4</sup> .	H335: May cause respiratory irritation.
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Specific Target Organ Toxicity - Repeated Exposure	Category 1 <sup>5</sup> .	H372: Causes damage to organs through prolonged or repeated exposure.
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Aspiration Hazard	Category 1 <sup>4</sup> .	H304: May be fatal if swallowed and enters airways.
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**Target Organs**

- 1. Central nervous system

**Environmental Hazards**

Chronic hazards to the aquatic environment	Category 3	H412: Harmful to aquatic life with long lasting effects.
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**2.2 Label Elements**

**Contains:** STODDARD SOLVENT  
Tetraethyl Silicate  
1-butanol, titanium(4+)salt  
1,2,4-TRIMETHYLBENZENE  
Silicic acid, ethyl ester



**Signal Words:** Danger

**Hazard Statement(s):** H226: Flammable liquid and vapor.  
H318: Causes serious eye damage.  
H335: May cause respiratory irritation.  
H372: Causes damage to organs through prolonged or repeated exposure.  
H304: May be fatal if swallowed and enters airways.  
H412: Harmful 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.  
P260: Do not breathe dust/fume/gas/mist/vapors/spray.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Response:** P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P312: Call a POISON CENTRE/doctor/ 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.  
P310: Immediately call a POISON CENTER/doctor.  
P370+P378: In case of fire: Use alcohol resistant foam for extinction.

**Unknown toxicity - Health**

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

**Unknown toxicity - Environment**

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

**Additional Information:** No data available.

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**2.3 Other hazards** No data available.

**SECTION 3: Composition/information on ingredients**

**Chemical nature:** Primer solution.

**3.2 Mixtures**

**General information:** No data available.

Chemical name	Concentration	CAS-No.	EC No.	REACH Registration No.	M-Factor:	Notes
STODDARD SOLVENT	50 - <100%	8052-41-3	232-489-3	No data available.	No data available.	
Tetraethyl Silicate	20 - <50%	78-10-4	201-083-8	01-2119496195-28-0002	No data available.	#
1-butanol, titanium(4+)salt	5 - <10%	5593-70-4	227-006-8	No data available.	No data available.	
1,2,4-TRIMETHYLBENZENE	2,5 - <5%	95-63-6	202-436-9	No data available.	No data available.	#
Silicic acid, ethyl ester	1 - <5%	11099-06-2	234-324-0	No data available.	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
STODDARD SOLVENT	STOT RE: 1: H372; Asp. Tox.: 1: H304;	Note P
Tetraethyl Silicate	Flam. Liq.: 3: H226; Acute Tox.: 4: H332; Eye Irrit.: 2: H319; STOT SE: 3: H335;	No data available.
1-butanol, titanium(4+)salt	Flam. Liq.: 3: H226; STOT SE: 3: H336; STOT SE: 3: H335; Skin Corr.: 2: H315; Eye Dam.: 1: H318;	
1,2,4-TRIMETHYLBENZENE	Flam. Liq.: 3: H226; Eye Irrit.: 2: H319; STOT SE: 3: H335; Skin Irrit.: 2: H315; Acute Tox.: 4: H332; Aquatic Chronic: 2: H411;	No data available.
Silicic acid, ethyl ester	Flam. Liq.: 3: H226; STOT SE: 3: H335; Eye Dam.: 2: H319; Acute Tox.: 4: H302;	

CLP: Regulation No. 1272/2008.

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**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

- Inhalation:** Move the exposed person to fresh air at once. Remove from contaminated area. Apply artificial respiration if not breathing. Call a physician or poison control center immediately. For breathing difficulties, oxygen may be necessary.
- Eye contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention without delay, preferably from an ophthalmologist.
- Skin Contact:** Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Get medical attention if symptoms persist. Wash contaminated clothing before reuse.
- Ingestion:** No data available.

**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:** Do not use water jet as an extinguisher, as this will spread the fire. Use water spray to keep fire-exposed containers cool.

**5.1 Extinguishing media**

**Suitable extinguishing media:** Alcohol resistant foam. Carbon dioxide Dry chemical.

**Unsuitable extinguishing media:** water jet

**5.2 Special hazards arising from the substance or mixture:**

Vapors are flammable and heavier than air. Vapors may travel across the ground and reach remote ignition sources causing a flashback fire danger. Ground container and transfer equipment to eliminate static electric sparks.

**5.3 Advice for firefighters**

**Special fire fighting procedures:** Keep away from sources of ignition - No smoking. 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:** Wear self-contained breathing apparatus and protective clothing.

**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures:**

Extinguish and do not turn on any ignition source until the area is determined to be free from fire or explosion hazards. Avoid contact with eyes, skin, and clothing. Avoid contact with liquid and vapors. Use personal protective equipment.

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- 6.2 Environmental Precautions:** Avoid discharge into drains, water courses or onto the ground.
- 6.3 Methods and material for containment and cleaning up:** Absorb spillage with suitable absorbent material. Shovel up and place in a container for salvage or disposal.
- 6.4 Reference to other sections:** Prevent entry into waterways, sewer, basements or confined areas.

**SECTION 7: Handling and storage:**

- 7.1 Precautions for safe handling:** Do not breathe vapor/spray. Do not taste or swallow. Avoid contact with eyes, skin, and clothing. Wash hands after handling. Material can accumulate static charges which may cause an electrical spark (ignition source). Use proper bonding and/or grounding procedures.
- Storage conditions:** Keep away from heat, sparks and open flame. Keep container closed. Store in original container.
- 7.2 Conditions for safe storage, including any incompatibilities:** Store in tightly closed original container in a dry and cool 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
Tetraethyl Silicate	TWA	5 ppm 44 mg/m3	EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU (02 2017)
	TWA	5 ppm 44 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL (2014)
1,2,4-TRIMETHYLBENZENE	TWA	25 ppm 125 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
	TWA	20 ppm 100 mg/m3	EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU (12 2009)

**Biological Limit Values**  
None.

**DNEL-Values**

Critical component	Type	Route of Exposure		Remarks
Tetraethyl Silicate	Workers	Dermal	12,1 mg/kg bw/day	

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		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:**

Provide eyewash station and safety shower. General (mechanical) room ventilation is expected to be satisfactory if handled at low temperatures or in covered equipment. Provide adequate ventilation if fumes or vapors are generated.

**Individual protection measures, such as personal protective equipment**

**General information:**

Use only in well-ventilated areas. Do not eat, drink or smoke when using the product. Wash hands after handling. Practice good housekeeping.

**Eye/face protection:**

Safety glasses with side-shields conforming to EN166

**Skin protection**

**Hand Protection:**

Advice: Protective gloves made of : Neoprene Nitrile rubber. Polyvinyl chloride (PVC).

**Other:**

Safety shoes Wear suitable protective clothing.

**Respiratory Protection:**

Respirator with a vapour filter (EN 141) In case of inadequate ventilation, use air-supplied full-mask. Respiratory protection mask with Filtertype ABEK

**Hygiene measures:**

Avoid inhalation of vapors and spray mists. Avoid contact with eyes, skin, and clothing. When using do not eat, drink or smoke. Wash thoroughly after handling.

**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**

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**9.1 Information on basic physical and chemical properties**

**Appearance**

<b>Physical state:</b>	liquid
<b>Form:</b>	liquid
<b>Color:</b>	Blue
<b>Odor:</b>	Faint
<b>Odor Threshold:</b>	No data available.
<b>pH:</b>	No data available.
<b>Freezing point:</b>	-60 °C
<b>Boiling Point:</b>	> 98 °C (1.013 hPa)
<b>Flash Point:</b>	36,60 °C (Closed Cup)
<b>Evaporation Rate:</b>	No data available.
<b>Flammability (solid, gas):</b>	No data available.
<b>Flammability Limit - Upper (%):</b>	No data available.
<b>Flammability Limit - Lower (%):</b>	No data available.
<b>Vapor pressure:</b>	111 hPa (55 °C)
<b>Vapor density (air=1):</b>	No data available.
<b>Density:</b>	ca. 0,81 g/cm <sup>3</sup> (20 °C) (DIN 51757)
<b>Relative density:</b>	No data available.
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	Negligible
<b>Solubility (other):</b>	No data available.
<b>Partition coefficient (n-octanol/water) Log Pow:</b>	No data available.
<b>Autoignition Temperature:</b>	No data available.
<b>Decomposition Temperature:</b>	No decomposition if stored and applied as directed.
<b>SADT:</b>	No data available.
<b>Viscosity, dynamic:</b>	No data available.
<b>Viscosity, kinematic:</b>	No data available.
<b>Explosive properties:</b>	No data available.
<b>Oxidizing properties:</b>	No data available.

**9.2 Other information**

**Minimum ignition temperature:** ca. 245 °C

**SECTION 10: Stability and reactivity**

<b>10.1 Reactivity:</b>	No data available.
<b>10.2 Chemical Stability:</b>	No data available.
<b>10.3 Possibility of hazardous reactions:</b>	No data available.
<b>10.4 Conditions to avoid:</b>	No data available.
<b>10.5 Incompatible Materials:</b>	No data available.
<b>10.6 Hazardous Decomposition Products:</b>	No data available.

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**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:** ATEmix: 24.693,8 mg/kg  
**Specified substance(s)**  
 STODDARD SOLVENT No data available.  
 Tetraethyl Silicate No data available.  
 1-butanol, No data available.  
 titanium(4+)salt  
 1,2,4- No data available.  
 TRIMETHYLBENZENE  
 Silicic acid, ethyl ester No data available.

**Dermal**

**Product:** Not classified for acute toxicity based on available data.  
**Specified substance(s)**  
 STODDARD SOLVENT No data available.  
 Tetraethyl Silicate No data available.  
 1-butanol, No data available.  
 titanium(4+)salt  
 1,2,4- No data available.  
 TRIMETHYLBENZENE  
 Silicic acid, ethyl ester No data available.

**Inhalation**

**Product:** ATEmix37,23 mg/l Vapour  
 ATEmix5,7 mg/l Dusts, mists and fumes

**Specified substance(s)**  
 STODDARD SOLVENT No data available.  
 Tetraethyl Silicate No data available.  
 1-butanol, No data available.  
 titanium(4+)salt  
 1,2,4- No data available.  
 TRIMETHYLBENZENE  
 Silicic acid, ethyl ester No data available.

**Repeated dose toxicity**

**Product:** No data available.  
**Specified substance(s)**  
 STODDARD SOLVENT No data available.



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Tetraethyl Silicate	NOAEL (Rat(male and female), Oral, 28 d): 10 - 50 mg/kg LOAEL (Mouse(males), Inhalation, 28 d): 50 mg/kg
1-butanol, titanium(4+)salt	No data available.
1,2,4- TRIMETHYLBENZENE	No data available.
Silicic acid, ethyl ester	No data available.

**Skin Corrosion/Irritation:**

**Product:** No data available.

**Specified substance(s)**

STODDARD SOLVENT	No data available.
Tetraethyl Silicate	OECD Test Guideline 404 (Rabbit): Non irritating
1-butanol, titanium(4+)salt	No data available.
1,2,4- TRIMETHYLBENZENE	No data available.
Silicic acid, ethyl ester	No data available.

**Serious Eye Damage/Eye Irritation:**

**Product:** No data available.

**Specified substance(s)**

STODDARD SOLVENT	No data available.
Tetraethyl Silicate	OECD Test Guideline 405 (Rabbit, 72 h): Non irritating
1-butanol, titanium(4+)salt	No data available.
1,2,4- TRIMETHYLBENZENE	No data available.
Silicic acid, ethyl ester	No data available.

**Respiratory or Skin Sensitization:**

**Product:** No data available.

**Specified substance(s)**

STODDARD SOLVENT	No data available.
Tetraethyl Silicate	Sensitisation, skin, OECD-Guideline 406 (Skin Sensitisation) (Guinea Pig): Non sensitizing.
1-butanol, titanium(4+)salt	No data available.
1,2,4- TRIMETHYLBENZENE	No data available.
Silicic acid, ethyl ester	No data available.

**Germ Cell Mutagenicity**

**In vitro**

**Product:** No data available.

**Specified substance(s)**

STODDARD SOLVENT	No data available.
Tetraethyl Silicate	Chinese Hamster Ovary (CHO) (OECD 476): negative Chromosomal aberration (OECD 473): negative
1-butanol, titanium(4+)salt	No data available.
1,2,4- TRIMETHYLBENZENE	No data available.

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Silicic acid, ethyl ester      No data available.

**In vivo**

**Product:**      No data available.

**Specified substance(s)**

STODDARD SOLVENT      No data available.  
 Tetraethyl Silicate      No data available.  
 1-butanol,      No data available.  
 titanium(4+)salt  
 1,2,4-      No data available.  
 TRIMETHYLBENZENE  
 Silicic acid, ethyl ester      No data available.

**Carcinogenicity**

**Product:**      No data available.

**Specified substance(s)**

STODDARD SOLVENT      No data available.  
 Tetraethyl Silicate      No data available.  
 1-butanol,      No data available.  
 titanium(4+)salt  
 1,2,4-      No data available.  
 TRIMETHYLBENZENE  
 Silicic acid, ethyl ester      No data available.

**Reproductive toxicity**

**Product:**      No data available.

**Specified substance(s)**

STODDARD SOLVENT      No data available.  
 Tetraethyl Silicate      No data available.  
 1-butanol,      No data available.  
 titanium(4+)salt  
 1,2,4-      No data available.  
 TRIMETHYLBENZENE  
 Silicic acid, ethyl ester      No data available.

**Specific Target Organ Toxicity - Single Exposure**

**Product:**      No data available.

**Specified substance(s)**

STODDARD SOLVENT      No data available.  
 Tetraethyl Silicate      No data available.  
 1-butanol,      No data available.  
 titanium(4+)salt  
 1,2,4-      No data available.  
 TRIMETHYLBENZENE  
 Silicic acid, ethyl ester      No data available.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:**      No data available.

**Specified substance(s)**

STODDARD SOLVENT      No data available.  
 Tetraethyl Silicate      No data available.  
 1-butanol,      No data available.  
 titanium(4+)salt

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1,2,4-TRIMETHYLBENZENE  
 Silicic acid, ethyl ester

No data available.  
 No data available.

**Target Organs:**  
 respiratory tract irritation

respiratory tract irritation

**Aspiration Hazard**

**Product:** No data available.

**Specified substance(s)**

STODDARD SOLVENT No data available.  
 Tetraethyl Silicate No data available.  
 1-butanol, titanium(4+)salt No data available.  
 1,2,4-TRIMETHYLBENZENE No data available.  
 Silicic acid, ethyl ester 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)**

STODDARD SOLVENT No data available.  
 Tetraethyl Silicate LC50 (Brachydanio rerio, 96 h): > 245 mg/l (Tested according to Directive 92/69/EEC.)  
 1-butanol, titanium(4+)salt No data available.  
 1,2,4-TRIMETHYLBENZENE No data available.  
 Silicic acid, ethyl ester No data available.

**Aquatic Invertebrates**

**Product:** No data available.

**Specified substance(s)**

STODDARD SOLVENT No data available.  
 Tetraethyl Silicate EC50 (Daphnia magna, 48 h): > 75 mg/l (OECD-Guideline 202)  
 1-butanol, titanium(4+)salt No data available.  
 1,2,4-TRIMETHYLBENZENE No data available.  
 Silicic acid, ethyl ester No data available.

**Chronic Toxicity**

**Fish**

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**Product:** No data available.

**Specified substance(s)**

STODDARD SOLVENT No data available.  
 Tetraethyl Silicate No data available.  
 1-butanol, No data available.  
 titanium(4+)salt  
 1,2,4- No data available.  
 TRIMETHYLBENZENE  
 Silicic acid, ethyl ester No data available.

**Aquatic Invertebrates**

**Product:** No data available.

**Specified substance(s)**

STODDARD SOLVENT No data available.  
 Tetraethyl Silicate No data available.  
 1-butanol, No data available.  
 titanium(4+)salt  
 1,2,4- No data available.  
 TRIMETHYLBENZENE  
 Silicic acid, ethyl ester No data available.

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Specified substance(s)**

STODDARD SOLVENT No data available.  
 Tetraethyl Silicate EC50 (Algae (*Pseudokirchneriella subcapitata*), 72 h): > 100 mg/l (OECD Test Guideline 201)  
 1-butanol, No data available.  
 titanium(4+)salt  
 1,2,4- No data available.  
 TRIMETHYLBENZENE  
 Silicic acid, ethyl ester No data available.

**12.2 Persistence and Degradability**

**Biodegradation**

**Product:** No data available.

**Specified substance(s)**

STODDARD SOLVENT No data available.  
 Tetraethyl Silicate activated sludge, domestic (adaptation not specified) (28 d, OECD-Guideline 301 A (DOC Die-Away Test)): 98 % Readily biodegradable  
 1-butanol, No data available.  
 titanium(4+)salt  
 1,2,4- No data available.  
 TRIMETHYLBENZENE  
 Silicic acid, ethyl ester No data available.

**BOD/COD Ratio**

**Product** No data available.

**Specified substance(s)**

STODDARD SOLVENT No data available.  
 Tetraethyl Silicate No data available.  
 1-butanol, No data available.  
 titanium(4+)salt

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1,2,4-TRIMETHYLBENZENE  
 Silicic acid, ethyl ester

No data available.  
 No data available.

**12.3 Bioaccumulative potential**

**Product:** No data available.

**Specified substance(s)**

STODDARD SOLVENT  
 Tetraethyl Silicate  
 1-butanol,  
 titanium(4+)salt  
 1,2,4-TRIMETHYLBENZENE  
 Silicic acid, ethyl ester

No data available.  
 No data available.  
 No data available.  
 No data available.  
 No data available.

**12.4 Mobility in soil:**

No data available.

**Known or predicted distribution to environmental compartments**

STODDARD SOLVENT  
 Tetraethyl Silicate  
 1-butanol, titanium(4+)salt  
 1,2,4-TRIMETHYLBENZENE  
 Silicic acid, ethyl ester

No data available.  
 No data available.  
 No data available.  
 No data available.  
 No data available.

**12.5 Results of PBT and vPvB assessment:**

No data available.

STODDARD SOLVENT  
 Tetraethyl Silicate  
 1-butanol, titanium(4+)salt  
 1,2,4-TRIMETHYLBENZENE  
 Silicic acid, ethyl ester

No data available.  
 No data available.  
 No data available.  
 No data available.  
 No data available.

**12.6 Other adverse effects:**

No data available.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**General information:**

See Section 8 for information on appropriate personal protective equipment. The generation of waste should be avoided or minimized wherever possible. Do not discharge into drains, water courses or onto the ground. Dispose of waste and residues in accordance with local authority requirements.

**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.(SOLVENT NAPHTHA, TETRAETHYL SILICATE)  
 14.3 Transport Hazard Class(es)  
 Class: 3  
 Label(s): 3  
 Hazard No. (ADR): 30

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Tunnel restriction code: (D/E)  
14.4 Packing Group: III  
Limited quantity 5,00L  
Excepted quantity E1  
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.(SOLVENT NAPHTHA,  
TETRAETHYL SILICATE)  
14.3 Transport Hazard Class(es)  
Class: 3  
Label(s): 3  
Hazard No. (ADR): –  
14.4 Packing Group: III  
Limited quantity 5,00L  
Excepted quantity E1  
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.(SOLVENT NAPHTHA,  
TETRAETHYL SILICATE)  
14.3 Transport Hazard Class(es)  
Class: 3  
Label(s): 3  
14.4 Packing Group: III  
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.(SOLVENT NAPHTHA,  
TETRAETHYL SILICATE)  
14.3 Transport Hazard Class(es)  
Class: 3  
Label(s): 3  
EmS No.: F-E, S-E  
14.4 Packing Group: III  
Limited quantity 5,00L  
Excepted quantity E1  
14.5 Environmental Hazards: Not regulated.  
Marine Pollutant: No

**IATA**

14.1 UN Number: UN 1993

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- 14.2 Proper Shipping Name: Flammable liquid, n.o.s.(SOLVENT NAPHTHA, TETRAETHYL SILICATE)
- 14.3 Transport Hazard Class(es):  
 Class: 3  
 Label(s): 3
- 14.4 Packing Group: III  
 Cargo aircraft only Packing: 366  
 Instructions:  
 Passenger and cargo aircraft Packing Instructions: 366  
 Limited quantity: 10,00L  
 Packing Instructions: Y344
- Excepted quantity: E1
- 14.5 Environmental Hazards: Not regulated.  
 Marine Pollutant: No
- 14.6 Special precautions for user: Combustible Keep away from food, drink and animal feeding stuffs.

**14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code:**

not applicable

**SECTION 15: Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

**EU Regulations**

**Regulation (EC) No. 2037/2000 Substances that deplete the ozone layer:** none

**Regulation (EC) No. 850/2004 on persistent organic pollutants:** none

**Regulation (EC) No. 649/2012 Import and export of dangerous chemicals:** none

**Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended:** none

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

Chemical name	CAS-No.	Concentration
STODDARD SOLVENT	8052-41-3	60 - 70%

**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
STODDARD SOLVENT	8052-41-3	60 - 70%

**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
STODDARD SOLVENT	8052-41-3	60 - 70%

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**Directive 96/82/EC (Seveso III): on the control of major accident hazards involving dangerous substances:**

Chemical name	CAS-No.	Concentration
Tetraethyl Silicate	78-10-4	20 - 30%

**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
STODDARD SOLVENT	8052-41-3	60 - 70%
Tetraethyl Silicate	78-10-4	20 - 30%
1,2,4-TRIMETHYLBENZENE	95-63-6	1,0 - 10%

**15.2 Chemical safety assessment:**

No Chemical Safety Assessment has been carried out.

**Inventory Status**

Australia AICS:	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 DSL Inventory List:	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: 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**

H226	Flammable liquid and vapor.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
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.
H372	Causes damage to organs through prolonged or repeated exposure.
H411	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.**



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Flam. Liq. 3, H226  
Flam. Liq. 3, H226  
Eye Dam. 1, H318  
Eye Dam. 1, H318  
STOT SE 3, H335  
STOT SE 3, H335  
Aquatic Chronic 3, H412  
Aquatic Chronic 3, H412

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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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