

# 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: SS4155

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

Identified uses: Primer

Uses advised against: None 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)

### 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	H318: Causes serious eye damage.
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Specific Target Organ Toxicity - Single Exposure	Category 3	H335: May cause respiratory irritation.
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Specific Target Organ Toxicity - Repeated Exposure	Category 1 <sup>1</sup> .	H372: Causes 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.
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#### Target Organs

1. Central nervous system

#### Environmental Hazards

**SS4155**

Chronic hazards to the aquatic environment

Category 3

H412: Harmful to aquatic life with long lasting effects.

**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.  
 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.  
 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	0,2 %
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	Asp. Tox.: 1: H304; STOT RE: 1: H372; No data available.	
Tetraethyl Silicate	Flam. Liq.: 3: H226; Acute Tox.: 4: H332; Eye Irrit.: 2: H319; STOT SE: 3: H335; No data available.	No data available.
1-butanol, titanium(4+)salt	Flam. Liq.: 3: H226; Skin Corr.: 2: H315; Eye Dam.: 1: H318; STOT SE: 3: H336; STOT SE: 3: H335;	
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.	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.

**SECTION 4: First aid measures**

**General:** No action shall be taken involving any personal risk or without suitable training.

**4.1 Description of first aid measures**

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<b>Inhalation:</b>	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.
<b>Eye contact:</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention without delay, preferably from an ophthalmologist.
<b>Skin Contact:</b>	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.
<b>Ingestion:</b>	Do NOT induce vomiting. If conscious, drink plenty of water. Seek medical attention.
<b>4.2 Most important symptoms and effects, both acute and delayed:</b>	No data available.
<b>4.3 Indication of any immediate medical attention and special treatment needed</b>	
<b>Hazards:</b>	No data available.
<b>Treatment:</b>	No data available.

**SECTION 5: Firefighting measures**

<b>General Fire Hazards:</b>	Do not use water jet as an extinguisher, as this will spread the fire. Use water spray to keep fire-exposed containers cool.
<b>5.1 Extinguishing media Suitable extinguishing media:</b>	Alcohol resistant foam. Carbon dioxide Dry chemical.
<b>Unsuitable extinguishing media:</b>	water jet
<b>5.2 Special hazards arising from the substance or mixture:</b>	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.
<b>5.3 Advice for firefighters Special fire fighting procedures:</b>	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.
<b>Special protective equipment for fire-fighters:</b>	Wear self-contained breathing apparatus and protective clothing.

**SECTION 6: Accidental release measures**

<b>6.1 Personal precautions, protective equipment and emergency procedures:</b>	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.
<b>6.2 Environmental Precautions:</b>	Avoid discharge into drains, water courses or onto the ground.

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- 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
STODDARD SOLVENT	STEL	50 ppm 290 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL, as amended (2014)
	TWA	20 ppm 116 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL, as amended (2014)
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, 2017/164/EU, as amended (02 2017)
	TWA	5 ppm 44 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL, as amended (2014)
1,2,4-TRIMETHYLBENZENE	TWA	25 ppm 125 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (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, 2017/164/EU, as amended (12 2009)
	TWA	20 ppm 100 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL, as amended (2014)

**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:**

No data available.

**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 Filtrertype 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**

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

**Appearance**

**Physical state:**

liquid

**Form:**

liquid

	<b>SS4155</b>
<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>	< 20,5 mm <sup>2</sup> /s (40 °C)
<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>	Material is stable under normal conditions.
<b>10.3 Possibility of hazardous reactions:</b>	Hazardous polymerization does not occur.
<b>10.4 Conditions to avoid:</b>	Oxidizing agents.
<b>10.5 Incompatible Materials:</b>	Oxidizing agents.
<b>10.6 Hazardous Decomposition Products:</b>	Carbon oxides Oxides of silicon. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

**SECTION 11: Toxicological information**

**General information:** 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**

<b>Inhalation:</b>	No data available.
<b>Ingestion:</b>	No data available.
<b>Skin Contact:</b>	No data available.
<b>Eye contact:</b>	No data available.

**11.1 Information on toxicological effects**

**Acute toxicity**

**Oral**

<b>Product:</b>	ATEmix: 24.693,8 mg/kg
<b>Specified substance(s)</b>	
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.

**Dermal**

<b>Product:</b>	Not classified for acute toxicity based on available data.
<b>Specified substance(s)</b>	
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.

**Inhalation**

<b>Product:</b>	ATEmix41,83 mg/l Vapour
<b>Specified substance(s)</b>	
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.

**Repeated dose toxicity**

<b>Product:</b>	No data available.
<b>Specified substance(s)</b>	
STODDARD SOLVENT	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
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:**

<b>Product:</b>	No data available.
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**Specified substance(s)**

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

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**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  
 1,2,4- No data available.  
 TRIMETHYLBENZENE  
 Silicic acid, ethyl ester 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.

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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**

**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.

**Aquatic Invertebrates**

**Product:** No data available.

**Specified substance(s)**

STODDARD SOLVENT	No data available.
Tetraethyl Silicate	No data available.
1-butanol,	No data available.

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titanium(4+)salt  
 1,2,4-  
 TRIMETHYLBENZENE  
 Silicic acid, ethyl ester  
 No data available.  
 No data available.

**Toxicity to Aquatic Plants**  
**Product:**

No data available.

**Specified substance(s)**

STODDARD SOLVENT  
 Tetraethyl Silicate  
 No data available.  
 EC50 (Algae (*Pseudokirchneriella subcapitata*), 72 h): > 100 mg/l (OECD Test Guideline 201)

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

**12.2 Persistence and Degradability**

**Biodegradation**

**Product:** No data available.

**Specified substance(s)**

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

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

**BOD/COD Ratio**

**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.

**12.3 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  
 No data available.  
 No data available.  
 No data available.

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1,2,4-TRIMETHYLBENZENE No data available.  
 Silicic acid, ethyl ester No data available.

**12.5 Results of PBT and vPvB assessment:** No data available.  
 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.

**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  
     Tunnel restriction code: (D/E)  
 14.4 Packing Group: III  
 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  
 14.4 Packing Group: III  
 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

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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  
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.(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

**14.6 Special precautions for user:** 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

**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:** none

**Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens and mutagens at work.:** none

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**Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breast feeding.:**

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

**Directive 2012/18/EU (Seveso III): on the control of major accident hazards involving dangerous substances:**

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%

**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.
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.  
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**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.**

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

**Issue Date:** 18.03.2020

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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 safehandling, 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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