

# SAFETY DATA SHEET

## 1. Identification

**Product identifier:** SS4004P

**Other means of identification**

**Synonyms:** Silicone primer solution

**Recommended use and restriction on use**

**Recommended use:** Primer

**Restrictions on use:** Not known.

**Manufacturer/Importer/Distributor Information :** Momentive Performance Materials LLC  
260 Hudson River Road  
Waterford NY 12188

**Contact person :** commercial.services@momentive.com

**Telephone :** General information  
+1-800-295-2392

**Emergency telephone number Supplier :** CHEMTREC  
1-800-424-9300

## 2. Hazard(s) identification

**Hazard Classification**

**Physical Hazards**

Flammable liquids Category 2

**Health Hazards**

Skin Corrosion/Irritation Category 2  
 Serious Eye Damage/Eye Irritation Category 2A  
 Toxic to reproduction Category 1B  
 Toxic to reproduction Category 1B  
 Specific Target Organ Toxicity - Single Exposure Category 1<sup>1</sup>  
 Specific Target Organ Toxicity - Single Exposure Category 3<sup>2</sup>  
 Specific Target Organ Toxicity - Repeated Exposure Category 1<sup>3</sup>

**Target Organs**

1. respiratory tract irritation, narcotic effects, Central nervous system., Kidneys, Liver
2. narcotic effects, respiratory tract irritation, Central nervous system., Kidneys, Liver
3. Central nervous system., Kidneys, Liver, Skin, respiratory tract, hearing organs

**Label Elements****Hazard Symbol:****Signal Word:** Danger**Hazard Statement:** Extremely flammable liquid and vapor.  
Causes skin irritation.  
Causes serious eye irritation.  
May damage fertility or the unborn child.  
Causes damage to organs.  
May cause respiratory irritation.  
May cause drowsiness or dizziness.  
Causes damage to organs through prolonged or repeated exposure.**Precautionary Statement****Prevention:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not breathe dust or mists. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area.**Response:** IF INHALED: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. If exposed: Call a poison center/doctor Specific treatment (see this label). Take off contaminated clothing. In case of fire: Use ... to extinguish.

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**Storage:** Store in well-ventilated place. Keep cool. Store locked up. Keep container tightly closed.

**Disposal:** Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Other hazards which do not result in GHS classification:** None.

**Substance(s) formed under the conditions of use:** Silicone resin in solvent(s)

**3. Composition/information on ingredients**
**Mixtures**

Chemical Identity	CAS number	Content in percent (%)*	Notes
Acetone	67-64-1	15 - 40%	# This substance has workplace exposure limit(s).
2-Propanol	67-63-0	15 - 40%	# This substance has workplace exposure limit(s).
Xylene	1330-20-7	15 - 40%	# This substance has workplace exposure limit(s).
Ethylbenzene	100-41-4	5 - 10%	# This substance has workplace exposure limit(s).
Tetraethyl Silicate, Tetraethoxysilane	78-10-4	1 - 5%	# This substance has workplace exposure limit(s).
n-BUTANOL	71-36-3	1 - 5%	# This substance has workplace exposure limit(s).

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**4. First-aid measures**

**Ingestion:** Do NOT induce vomiting. Do not give victim anything to drink if he is unconscious. Seek immediate medical attention. Do not induce vomiting.

**Inhalation:** If inhaled, remove to fresh air. If not breathing give artificial respiration using a barrier device. If breathing is difficult give oxygen. Get medical attention.

**Skin Contact:** Wash with soap and water.

**Eye contact:** Get medical attention.

**Most important symptoms/effects, acute and delayed**

**Symptoms:** No data available.

**Hazards:** No data available.

**Indication of immediate medical attention and special treatment needed**

**Treatment:** No data available.

**5. Fire-fighting measures**

**General Fire Hazards:** No data available.

**Suitable (and unsuitable) extinguishing media**

**Suitable extinguishing media:** Carbon dioxide Alcohol foam.

**Unsuitable extinguishing media:** No data available.

**Specific hazards arising from the chemical:** No data available.

**Special protective equipment and precautions for firefighters**

**Special fire fighting procedures:** No data available.

**Special protective equipment for fire-fighters:** Extremely flammable. Pressure inside container is increased when heated, and may cause explosion. Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

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**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment. Keep up-wind to avoid fumes.

**Methods and material for containment and cleaning up:** Wear proper protective equipment as specified in the protective equipment section. Warn other workers of spill. Keep unauthorized personnel away. Wipe, scrape, or soak up in an inert material and put in a container intended for flammable materials for disposal.

**7. Handling and storage**

**Precautions for safe handling:** Sensitivity to static discharge is expected; material has a flash point below 200 F.

**Conditions for safe storage, including any incompatibilities:** Keep away from heat, sparks and open flame. Keep container tightly closed. Keep out of the reach of children.

**8. Exposure controls/personal protection**

**Control Parameters**

**Occupational Exposure Limits**

Chemical Identity	type	Exposure Limit Values	Source
Acetone	TWA	250 ppm	US. ACGIH Threshold Limit Values (03 2015)
	STEL	500 ppm	US. ACGIH Threshold Limit Values (03 2015)
	REL	250 ppm 590 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	PEL	1,000 ppm 2,400 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	750 ppm 1,800 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	STEL	1,000 ppm 2,400 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
2-Propanol	TWA	200 ppm	US. ACGIH Threshold Limit Values (03 2015)
	STEL	400 ppm	US. ACGIH Threshold Limit Values (03 2015)
	REL	400 ppm 980 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	STEL	500 ppm 1,225 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	PEL	400 ppm 980 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	400 ppm 980 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	STEL	500 ppm 1,225 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	TWA	100 ppm	US. ACGIH Threshold Limit Values (03 2015)
	STEL	150 ppm	US. ACGIH Threshold Limit Values (03 2015)
Xylene	PEL	100 ppm 435 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	100 ppm 435 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	STEL	150 ppm 655 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000)

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			(1989)
Ethylbenzene	TWA	20 ppm	US. ACGIH Threshold Limit Values (03 2015)
	REL	100 ppm 435 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	STEL	125 ppm 545 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	PEL	100 ppm 435 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	100 ppm 435 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	STEL	125 ppm 545 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
Tetraethyl Silicate, Tetraethoxysilane	TWA	10 ppm	US. ACGIH Threshold Limit Values (03 2015)
	REL	10 ppm 85 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	PEL	100 ppm 850 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	10 ppm 85 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
n-BUTANOL	TWA	20 ppm	US. ACGIH Threshold Limit Values (03 2015)
	Ceil_Time	50 ppm 150 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	PEL	100 ppm 300 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	Ceiling	50 ppm 150 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)

**Biological Limit Values**

Chemical Identity	Exposure Limit Values	Source
Acetone (acetone: Sampling time: End of shift.)	25 mg/l (Urine)	ACGIH BEI (03 2015)
2-Propanol (acetone: Sampling time: End of shift at end of work week.)	40 mg/l (Urine)	ACGIH BEI (03 2015)
Xylene (Methylhippuric acids: Sampling time: End of shift.)	1.5 g/g (Creatinine in urine)	ACGIH BEI (03 2015)
Ethylbenzene (Sum of mandelic acid and phenylglyoxylic acid: Sampling time: End of shift.)	0.15 g/g (Creatinine in urine)	ACGIH BEI (03 2015)

**Appropriate Engineering Controls**

Eye wash facilities and emergency shower must be available when handling this product.

**Individual protection measures, such as personal protective equipment**
**General information:**

Ventilation and other forms of engineering controls are preferred for controlling exposures. Respiratory protection may be needed for non-routine or emergency situations.

**Eye/face protection:**

Monogoggles Face shield

**Skin Protection**
**Hand Protection:**

No data available.

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**Other:** Wear suitable protective clothing and eye/face protection.

**Respiratory Protection:** If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29CFR 1910.134).

**Hygiene measures:** No data available.

<b>9. Physical and chemical properties</b>
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**Appearance**

<b>Physical state:</b>	liquid
<b>Form:</b>	liquid
<b>Color:</b>	Red
<b>Odor:</b>	Pungent
<b>Odor threshold:</b>	No data available.
<b>pH:</b>	not applicable
<b>Melting point/freezing point:</b>	< -34 °C
<b>Initial boiling point and boiling range:</b>	not applicable
<b>Flash Point:</b>	ca. -12 °C
<b>Evaporation rate:</b>	> 1
<b>Flammability (solid, gas):</b>	No data available.
<b>Upper/lower limit on flammability or explosive limits</b>	
<b>Flammability limit - upper (%):</b>	12.00 %(V)
<b>Flammability limit - lower (%):</b>	2.10 %(V)
<b>Explosive limit - upper (%):</b>	No data available.
<b>Explosive limit - lower (%):</b>	No data available.
<b>Heat of combustion:</b>	No data available.
<b>Vapor pressure:</b>	not applicable
<b>Vapor density:</b>	No data available.
<b>Density:</b>	ca. 0.855 g/cm <sup>3</sup>
<b>Relative density:</b>	ca. 0.80
<b>Solubility(ies)</b>	
<b>Solubility in water:</b>	hydrolyses
<b>Solubility (other):</b>	Soluble, Aromatic Solvent
<b>Partition coefficient (n-octanol/water) Log Pow:</b>	No data available.
<b>Auto-ignition temperature:</b>	> 343 °C

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<b>Decomposition temperature:</b>	No data available.
<b>SADT:</b>	No data available.
<b>Viscosity, dynamic:</b>	No data available.
<b>Viscosity, kinematic:</b>	< 20.5 mm <sup>2</sup> /s (25 °C)
<b>VOC:</b>	636 g/l

**10. Stability and reactivity**

<b>Reactivity:</b>	No data available.
<b>Chemical Stability:</b>	No data available.
<b>Possibility of hazardous reactions:</b>	Hazardous polymerisation does not occur.
<b>Conditions to avoid:</b>	Keep away from sources of ignition - No smoking. Keep away from sources of ignition - No smoking.
<b>Incompatible Materials:</b>	Oxidizing agents.
<b>Hazardous Decomposition Products:</b>	Carbon dioxide Silicon dioxide.

**11. Toxicological information**

**Information on likely routes of exposure**

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

**Symptoms related to the physical, chemical and toxicological characteristics**

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

**Information on toxicological effects**

**Acute toxicity (list all possible routes of exposure)**

<b>Oral Product:</b>	ATEmix: 3,827.75 mg/kg
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**Specified substance(s):**

Acetone	LD 50 (Rat, No data available.): 5,800 mg/kg LD 50 (Mouse, No data available.): 3,000 mg/kg
2-Propanol	LD 50 (Rat): 5,045 mg/kg LD 50 (Mouse): 3,600 mg/kg
Xylene	LD 50 (Rat): 5,000 mg/kg
Ethylbenzene	LD 50 (Rat, No data available.): 2,700 mg/kg
Tetraethyl Silicate, Tetraethoxysilane	LD 50 (Rat, No data available.): 6,270 mg/kg LD 50: > 2,000 mg/kg
n-BUTANOL	LD 50 (Rat, No data available.): 790 mg/kg LD 50 (Rabbit, No data available.): 3,484 mg/kg

**Dermal**

**Product:** ATEmix: 4,627.82 mg/kg

**Specified substance(s):**

Acetone	LD 50 (Rabbit, No data available.): 20,000 mg/kg
2-Propanol	LD 50 (Rat): 12,800 mg/kg LD 50 (Rabbit): 12,800 mg/kg LD 50 (Rabbit): 12,800 mg/kg
Xylene	LD 50 (Rabbit): 2,000 mg/kg LD 50 (Rat): 2,000 mg/kg
Ethylbenzene	LD 50 (Rabbit, No data available.): 15,354 mg/kg LD 50 (Rabbit, No data available.): 5,000 mg/kg
Tetraethyl Silicate, Tetraethoxysilane	LD 50 (Rabbit, No data available.): 5,875 mg/kg
n-BUTANOL	LD 50 (Rabbit, No data available.): 3,400 mg/kg LD 50 (Rat, No data available.): 4,200 mg/kg

**Inhalation**

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<b>Product:</b>	ATEmix: 105.33 mg/l ATEmix : 64.63 mg/l
<b>Specified substance(s):</b>	
Acetone	LC50 (Rat, No data available.): 38.6 mg/l (Rat, No data available.): 7.2 mg/l
Xylene	LC50 (Rat): 29.49 mg/l
Ethylbenzene	(Rat, No data available.): 3.4 mg/l (Rat, No data available.): 1.7 mg/l LC50 (Rat, No data available.): 17.6 mg/l
Tetraethyl Silicate, Tetraethoxysilane	TDL0 (Rat, No data available.): 1 mg/l
n-BUTANOL	LC50 (Rat, No data available.): 24 mg/l

**Repeated dose toxicity**

**Product:** No data available.

**Skin Corrosion/Irritation**

**Product:** No data available.

**Serious Eye Damage/Eye Irritation**

**Product:** No data available.

**Respiratory or Skin Sensitization**

**Product:** No data available.

**Carcinogenicity**

**Product:** No data available.

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

Ethylbenzene Overall evaluation: 2B. Possibly carcinogenic to humans.

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogenic components identified

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**

No carcinogenic components identified

**Germ Cell Mutagenicity****In vitro****Product:** No data available.**In vivo****Product:** No data available.**Reproductive toxicity****Product:** No data available.**Specific Target Organ Toxicity - Single Exposure****Product:** No data available.**Specific Target Organ Toxicity - Repeated Exposure****Product:** No data available.**Target Organs**

Specific Target Organ Toxicity - Single Exposure: respiratory tract irritation, narcotic effects, Central nervous system., Kidneys, Liver

Specific Target Organ Toxicity - Single Exposure: narcotic effects, respiratory tract irritation, Central nervous system., Kidneys, Liver

Specific Target Organ Toxicity - Repeated Exposure: Central nervous system., Kidneys, Liver, Skin, respiratory tract, hearing organs

**Aspiration Hazard****Product:** No data available.

**Other effects:** More severe effects if alcohol is consumed.,Stimulants such as epinephrine may induce ventricular fibrillation.,This product contains a component that showed unexpected acute toxicity to pregnant rabbits in a gavage study conducted by the Chemical Manufacturers Association. There were no unexpected toxic effects in pregnant rats exposed in the same study. No developmental effects were noted in either study. Effect levels in rabbits were several times the maximum exposure which would occur at the TLV for this component.

Xylene has been shown to cause embryofetal toxicity and birth defects in laboratory animals, but only at doses which also cause maternal toxicity In higher concentrations, xylene is irritating to eyes and the respiratory tract, causes drowsiness and may cause central-nervous effects (headache etc.).

Animals exposed repeatedly to high vapor concentrations (800 ppm or greater) of mixed xylenes suffered hearing loss.Long-term exposure to xylene can cause chronic headache, chest pain, nausea, mental confusion, breathing difficulties, heartbeat abnormalities, numbness in limbs, fever, malaise, and fatigue. Skin irritation can occur. Repeated exposures at high concentrations may cause injury to the liver and kidneys.

Isopropyl alcohol has produced fetotoxic effects and developmental effects in animals following oral administration.Isopropyl alcohol has produced developmental effects and reduced fetal weight in animals following inhalation exposure.Ethylbenzene has been shown to cause cancer in laboratory animals. The relevance of this finding to human is uncertain. IARC (International Agency for Research on Cancer) has classified ethylbenzene as a possible human carcinogen.

**Ingestion:** No data available.

**Inhalation:** No data available.

**Skin Contact:** No data available.

**Eye contact:** No data available.

**Oral** No data available.

**Dermal** No data available.

**Inhalation**

No data available.

**Repeated dose toxicity**

No data available.

**Skin Corrosion/Irritation**

No data available.

**Serious Eye Damage/Eye Irritation**

No data available.

**Respiratory or Skin Sensitization**

No data available.

**Carcinogenicity**

No data available.

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No data available.

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No data available.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**

No data available.

**Germ Cell Mutagenicity****In vitro**

No data available.

**Germ Cell Mutagenicity****In vivo**

No data available.

**Reproductive toxicity**

No data available.

**Specific Target Organ Toxicity - Single Exposure**

No data available.

**Specific Target Organ Toxicity - Single Exposure**

No data available.

**Target Organs**

**Aspiration Hazard**

No data available.

**Other effects**

No data available.

**12. Ecological information**

**Ecotoxicity:**

**Acute hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Specified substance(s):**

Acetone  
LC50 (Lepomis macrochirus, 96 h): 8,300 mg/l  
LC0 (Leuciscus idus, 48 h): 6,320 mg/l  
LC50 (Leuciscus idus, 48 h): 7,505 mg/l

2-Propanol  
LC50 (Leuciscus idus, 48 h): 8,970 mg/l  
LC50 (Pimephales promelas, 96 h): > 65,500 mg/l

Xylene  
LC50 (Leuciscus idus, 48 h): 86 mg/l  
LC50 (Pimephales promelas, 96 h): 13.4 mg/l  
LC50 (Salmo gairdneri, 96 h): 14 mg/l

Ethylbenzene  
LC0 (Leuciscus idus, 48 h): 26 mg/l  
LC100 (Leuciscus idus, 48 h): 70 mg/l  
LC50 (Leuciscus idus, 48 h): 44 mg/l  
LC50 (Salmo gairdneri, 96 h): 4.2 mg/l

Tetraethyl Silicate,  
Tetraethoxysilane  
LC100 (No data available., 24 h): 9,000 mg/l  
LC50 (Brachydanio rerio, 96 h): > 245 mg/l

n-BUTANOL  
LC0 (Leuciscus idus, 48 h): > 1,000 mg/l  
LC50 (Leuciscus idus, 48 h): 1,520 mg/l  
LC50 (Pimephales promelas, 96 h): 1,730 mg/l

**Aquatic Invertebrates**

**Product:** No data available.

**Specified substance(s):**

2-Propanol  
EC50 (Daphnia magna, 24 h): > 10,000 mg/l  
EC0 (Daphnia magna): 500 mg/l

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Xylene	EC50 (Daphnia magna, 24 h): 165 mg/l
Ethylbenzene	LC0 (Daphnia magna): 137 mg/l (Daphnia magna): 184 mg/l LC100 (Daphnia magna): 200 mg/l
Tetraethyl Silicate, Tetraethoxysilane	EC50 (Blue Crab): 7,800 mg/l

**Chronic hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Aquatic Invertebrates**

**Product:** No data available.

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Persistence and Degradability**

**Biodegradation**

**Product:** No data available.

**Specified substance(s):**

Acetone	50 % (5 d, No data available.) 78 % (28 d, No data available.)
2-Propanol	82.5 % (5 d, No data available.)
Ethylbenzene	68 % (28 d, No data available.)
Tetraethyl Silicate, Tetraethoxysilane	98 % (28 d, OECD-Guideline 301 A (DOC Die-Away Test)) Readily biodegradable

**BOD/COD Ratio**

**Product:** No data available.

**Bioaccumulative Potential**

**Bioconcentration Factor (BCF)**

**Product:** No data available.

**Partition Coefficient n-octanol / water (log Kow)**

**Product:** No data available.

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

**Known or predicted distribution to environmental compartments**

Polyalkylsiloxane	No data available.
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**Other Adverse Effects:** No data available.

**13. Disposal considerations**

**Disposal instructions:** Disposal should be made in accordance with federal, state and local regulations.

**Contaminated Packaging:** Dispose of as unused product.

**14. Transport information**

**DOT**

UN Number:	UN 1993
UN Proper Shipping Name:	Flammable liquids, n.o.s.(Acetone, Isopropanol)
Transport Hazard Class(es)	
Class:	3
Label(s):	3
Packing Group:	II
Marine Pollutant:	No

**IMDG**

UN Number:	UN 1993
UN Proper Shipping Name:	FLAMMABLE LIQUID, N.O.S.(Acetone, Isopropanol)
Transport Hazard Class(es)	
Class:	3
Label(s):	3
EmS No.:	F-E, S-E
Packing Group:	II
Marine Pollutant:	No
Limited quantity	1.00L
Excepted quantity	E2



**IATA**

UN Number:	UN 1993
Proper Shipping Name:	Flammable liquid, n.o.s.(Acetone, Isopropanol)
Transport Hazard Class(es):	
Class:	3
Label(s):	3
Packing Group:	II
Cargo aircraft only Packing	364
Instructions:	
Passenger and cargo aircraft	364
Packing Instructions:	
Limited quantity:	1.00L
Packing Instructions:	Y341
Excepted quantity	E2
Environmental Hazards:	Not regulated.
Marine Pollutant:	No

**15. Regulatory information**

**US Federal Regulations**

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

None present or none present in regulated quantities.

**CERCLA Hazardous Substance List (40 CFR 302.4):**

<u>Chemical Identity</u>	<u>Reportable quantity</u>
Acetone	5,000 lbs.
2-Propanol	100 lbs.
Xylene	100 lbs.
Ethylbenzene	1,000 lbs.
n-BUTANOL	5,000 lbs.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**

- Fire Hazard
- Immediate (Acute) Health Hazards
- Delayed (Chronic) Health Hazard

**SARA 302 Extremely Hazardous Substance**

None present or none present in regulated quantities.

**SARA 304 Emergency Release Notification**

<u>Chemical Identity</u>	<u>Reportable quantity</u>
Acetone	5,000 lbs.
2-Propanol	100 lbs.
Xylene	100 lbs.
Ethylbenzene	1,000 lbs.
n-BUTANOL	5,000 lbs.

**SARA 311/312 Hazardous Chemical**

<u>Chemical Identity</u>	<u>Threshold Planning Quantity</u>
Acetone	10000 lbs
2-Propanol	10000 lbs
Xylene	10000 lbs
Ethylbenzene	10000 lbs
Tetraethyl Silicate, Tetraethoxysilane	10000 lbs
n-BUTANOL	10000 lbs

**SARA 313 (TRI Reporting)**

<u>Chemical Identity</u>	<u>Reporting threshold for other users</u>	<u>Reporting threshold for manufacturing and processing</u>
2-Propanol		
Xylene		
Ethylbenzene		
n-BUTANOL		

**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)**

<u>Chemical Identity</u>	<u>Reportable quantity</u>
Xylene	Reportable quantity: 100 lbs.
Ethylbenzene	Reportable quantity: 1,000 lbs.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):**

None present or none present in regulated quantities.

**US State Regulations**

**US. California Proposition 65**

This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm.

Ethylbenzene	No significant risk level: 41 µg/day. Carcinogenic.
Ethanol	Developmental toxin.
Toluene	Maximum Allowable Dose Level (MADL): 13000 µg/day. Developmental toxin.

**US. New Jersey Worker and Community Right-to-Know Act**

<u>Chemical Identity</u>
Acetone

2-Propanol  
Xylene  
Polyalkylsiloxane  
Ethylbenzene  
Tetraethyl Silicate, Tetraethoxysilane  
n-BUTANOL

**US. Massachusetts RTK - Substance List****Chemical Identity**

2-Propanol  
Xylene  
Ethylbenzene  
Tetraethyl Silicate, Tetraethoxysilane  
n-BUTANOL

**US. Pennsylvania RTK - Hazardous Substances****Chemical Identity**

2-Propanol  
Xylene  
Ethylbenzene  
Tetraethyl Silicate, Tetraethoxysilane  
n-BUTANOL

**US. Rhode Island RTK****Chemical Identity**

2-Propanol  
Xylene  
n-BUTANOL

**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: None.
New Zealand Inventory of Chemicals:	n (Negative listing)	Remarks: None.
Taiwan. Taiwan inventory (CSNN):	y (positive listing)	Remarks: None.

**16. Other information, including date of preparation or last revision**

**HMIS Hazard ID**

<b>Health</b>	*	4
<b>Flammability</b>	3	
<b>Physical Hazards</b>	0	
<b>PERSONAL PROTECTION</b>		

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; \*Chronic health effect

**Issue Date:** 09/02/2016  
**Revision Date:** No data available.  
**Version #:** 1.15  
**Further Information:** No data available.

**Disclaimer:****Notice to reader**

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**Further Information**

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