

SS4044P

SAFETY DATA SHEET

1. Identification

Product identifier: SS4044P

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
Specific Target Organ Toxicity - Single Exposure Category 1¹
Specific Target Organ Toxicity - Single Exposure Category 3²
Specific Target Organ Toxicity - Repeated Exposure Category 1³

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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: No signal word.

Hazard Statement: Highly flammable liquid and vapor.
Causes serious eye irritation.
Causes skin irritation.
May damage fertility or the unborn child.
Causes damage to organs.
May cause drowsiness or dizziness.
Causes damage to organs through prolonged or repeated exposure.

Precautionary Statement

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wear protective gloves. Wear eye protection/face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Use only outdoors or in a well-ventilated area. Do not breathe vapors. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

Response: Get medical advice/attention if you feel unwell. IF exposed: Call a POISON CENTER/doctor. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF ON SKIN: Wash with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention. 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:

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Storage: Store locked up. Store in a well-ventilated place. Keep cool.

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

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Ingestion: Do NOT induce vomiting. Do not give victim anything to drink if he is unconscious.

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 area with soap and water.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.

Most important symptoms/effects, acute and delayed

Symptoms: None known.

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:

Avoid contact with skin and eyes. Keep out of reach of children. Avoid inhalation of vapors and spray mists.

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 closed. Store in original container.

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)

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	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) (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

No data available.

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

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Skin Protection

Hand Protection: Rubber or plastics gloves Nitrile gloves are recommended.

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.

9. Physical and chemical properties

Appearance

Physical state: liquid

Form: liquid

Color: Pale yellow

Odor: Pungent

Odor threshold: No data available.

pH: not applicable

Melting point/freezing point: not applicable

Initial boiling point and boiling range: not applicable

Flash Point: ca. -12 °C

Evaporation rate: No data available.

Flammability (solid, gas): No data available.

Upper/lower limit on flammability or explosive limits

Flammability limit - upper (%): 12.00 %(V)

Flammability limit - lower (%): 2.10 %(V)

Explosive limit - upper (%): No data available.

Explosive limit - lower (%): No data available.

Heat of combustion: No data available.

Vapor pressure: not applicable

Vapor density: No data available.

Density: ca. 0.855 g/cm³

Relative density: 0.80

Solubility(ies)

Solubility in water: hydrolyses

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Solubility (other):	Soluble, Aromatic Solvent
Partition coefficient (n-octanol/water) Log Pow:	No data available.
Auto-ignition temperature:	> 343 °C
Decomposition temperature:	No data available.
SADT:	No data available.
Viscosity, dynamic:	No data available.
Viscosity, kinematic:	< 20.5 mm ² /s (25 °C)
VOC:	624 g/l

10. Stability and reactivity

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

11. Toxicological information

Information on likely routes of exposure

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

Symptoms related to the physical, chemical and toxicological characteristics

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

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Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral

Product: No data available.

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: No data available.

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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

Product: No data available.

Specified substance(s):

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	TDLo (Rat, No data available.): 1 mg/l
n-BUTANOL	LC50 (Rat, No data available.): 24 mg/l

Repeated dose toxicity

Product: No data available.

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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

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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.

Contains ethylbenzene, which has shown evidence of carcinogenic activity in animals.

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.

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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

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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, LC100 (No data available., 24 h): 9,000 mg/l
 Tetraethoxysilane 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

Xylene EC50 (Daphnia magna, 24 h): 165 mg/l

Ethylbenzene LC0 (Daphnia magna): 137 mg/l

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(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.

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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.

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

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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.

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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.
Benzene	Maximum Allowable Dose Level (MADL): 49 µg/day. Developmental toxin.

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

Chemical Identity

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
Benzene

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

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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.

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

HMIS Hazard ID

Health	*	4
Flammability		3
Physical Hazards		0
PERSONAL PROTECTION		

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 #: 1.12
Further Information: No data available.

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Disclaimer:

Notice to reader

Unless otherwise specified in section 1, Momentive products are intended for use in the manufacture and/or formulation of products and are not intended for direct consumer use. These products are not intended for long-lasting (> 30 days) implantation, injection or direct ingestion into the human body, nor for use in the manufacture of multiple use contraceptives. Keep out of the reach of children.

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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