

# Material Safety Data Sheet

Product

SR7118

## 1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Name	SR7118
1.2 Recommended use of the chemical and restrictions on use	
Recommended use of the product	Silicone sealant
Restrictions on use of the product	No data
1.3 Company information	
Company Name	DAEHEUNG CHEMICAL CO., LTD.
Address	52, Sandan-ro15beon-gil, Pyeongtaeksi, Gyeonggi-do
Emergency telephone number	+82-31-663-5251

## 2. HAZARD IDENTIFICATION

2.1 Hazard, Risk classification	Skin corrosion / irritation: Category 2 Severe eye damage / eye irritation: Category 1
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### 2.2 GHS label elements

Symbol



Signal word

Danger

Harmful Risk phrases

H302: Harmful if swallowed

H315: Causes skin irritation

H318: Causes serious eye damage

Precautions

Prevention

P264 Wash thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P280 Contains gas under pressure; may explode if heated.

P301 + P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P302 + P350: IF ON SKIN: Gently wash with plenty of soap and water.

Corresponding

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 or doctor/physician.

P330: Rinse mouth.

P332 + P313: If skin irritation occurs: Get medical advice/attention.

P362 + P364 Remove contaminated clothing and wash before reuse.

Storage

Not available

Disposal

P501 Dispose of contents and container in accordance with local regulations.

Amorphous, fumed silica

Health

0

Fire

1

Reactivity

0

Methyltriacetoxysilane

Health

0

Fire

2

Reactivity

1

Polydimethylsiloxane

Health

1

Fire

1

Reactivity

0

Siloxanes and Silicones, di-Me, hydroxy-terminated

Health	1
Fire	2
Reactivity	0

3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	Comon Name	CAS No	Contents(%)
Amorphous, fumed silica	SILICA, AMORPHOUS, FUMED, CRYSTALLINE FREE	112945-52-5	1 ~ 10
Methyltriacetoxysilane	METHYLSILANETRIOL TRIACETATE	4253-34-3	1 ~ 5
Polydimethylsiloxane	DIMETHYLPOLYSILOXANE/WATER EMULSIONS	63148-62-9	10 ~ 20
Siloxanes and Silicones, di-Me, hydroxy-terminated	DIMETHYL POLYSILOXANE	70131-67-8	70 ~ 80

4. FIRST AID MEASURES

4.1 Eye contact	Get emergency medical attention. Rinse skin and eyes immediately with plenty of water for at least 20 minutes when in contact with the material.
4.2 In case of skin contact	If skin irritation or rash occurs, seek medical advice / advice. Wash contaminated clothing before reuse. Get emergency medical attention. Remove contaminated clothing and shoes and isolate contaminated areas. Rinse skin and eyes immediately with plenty of water for at least 20 minutes when in contact with the material.
4.3 Inhalation	Prevent spread of contamination on mild skin contact Immediately call a POISON CENTER or doctor/physician. Move to a place with fresh air. Please warm and stabilize.
4.4 Ingestion	If swallowed, feel free to consult a medical institution. Rinse mouth.
4.5 Other precautions	Have the health care worker know about the material and take protective measures

5. FIRE FIGHTING MEASURES

5.1. Extinguishing media	
Suitable extinguishing media	Use alcohol foam, carbon dioxide or water spray for digestion related to this material. Use dry sand or earth for digestion.
5.2. Special hazards arising from the substance or mixture	
Hazardous combustion products	Container may explode on heating Some are burned but not easily ignited Non-flammable, the substance itself is not burned but decomposes on heating and may cause corrosive / toxic fumes May cause irritating, corrosive and toxic gases in case of fire
5.3. Protective equipment and precautions for fire-fighting	
Protective equipment and precautions for fire-fighting	Be aware that it may be melted and transported. In case of tank fire, extinguish at maximum distance or use unmanned fire fighting equipment In the event of a large fire in a tank fire, use unmanned fire fighting equipment and allow it to retreat if it is not possible Rescuers should wear appropriate protective equipment. Extinguish the area and maintain safety distance. Some can be transported at high temperatures Leaky water may cause contamination. Contact may cause skin and eye burns.  Drill ditches for the disposal of digestive waters to prevent them from being scattered.

Protective equipment and precautions for fire-fighting Move container from fire area if it is not hazardous.

In the event of a tank fire, if there is a high tone in the pressure relief device or if the tank is discolored, immediately withdraw it

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal Precautions, protective equipment and emergency procedures

Remove all ignition sources as very fine particles may cause fire or explosion.

Stop the leak if it is not dangerous.

Do not touch a damaged container or spill without adequate protection.

Cover with plastic sheet to prevent diffusion

Note the substances and conditions to avoid

### 6.2 Environmental precautions

Prevent entry into waterways, sewers, basements, and confined spaces.

### 6.3 Methods and material for containment and cleaning up

Absorb spillage with inert materials (eg dry sand or earth) and place in a chemical waste container.

Absorb liquid and rinse contaminated area with detergent and water..

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Avoid inhalation.(Dust, fume, gas, mist, steam, spray)

Do not carry contaminated clothing out of the workplace.

Follow all MSDS / label precautions as product residues may remain after emptying containers.

Avoid prolonged or repeated skin contact.

Note the substances and conditions to avoid

Refer to engineering controls and personal protective equipment.

### 7.2 Safe storage

The empty drum should be completely drained, properly blocked and immediately returned to the drum regulator or properly positioned.

## 8. EXPOSURECONTROLS & PERSONAL PROTECTION

### 8.1 Exposure standards for chemicals, biological exposure standards, etc.

Domestic regulation

No data

ACGIH regulation

No data

Biological exposure standard

No data

### 8.2 Appropriate engineering controls

Equipment for storing and using this material must be worn and fitted with a safety shower.

### 8.3 Personal protective equipment

Respiratory protection

Wear a respirator that has been approved by the Korean Occupational Safety and Health Administration in accordance with the physicochemical properties of the substance being exposed.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Appearance

Physical Form

Soft paste

Color

Transparency, White(Other order colors)

### 9.2 Odor

Acetic acid odor

### 9.3 Odor threshold

자료없음

### 9.4 pH

자료없음

### 9.5 Melting point / freezing point

자료없음

### 9.6 Boiling point

자료없음

### 9.7 Flash point

자료없음

### 9.8 Evaporation Rate

자료없음

### 9.9 Flammability (solid, gas)

자료없음

### 9.10 Upper/lower flammability or explosive limits

자료없음

### 9.11 Vapor Pressure

자료없음

### 9.12 Solubility

자료없음

### 9.13 Vapor Density

자료없음

### 9.14 Specific gravity

1.01 ~ 1.05

### 9.15 N-octanol/water partition coefficient

자료없음

### 9.16 Autoignition temperature

자료없음

### 9.17 Decomposition Temperature

자료없음

### 9.18 Viscosity

Soft paste

### 9.19 Molecular weight

자료없음

## 10. STABILITY AND REACTIVITY

### 10.1 Possibility of chemical stability and adverse reaction

	Amorphous, fumed silica	Container may explode on heating
	Amorphous, fumed silica	Some are burned but not easily ignited
	Amorphous, fumed silica	Non-flammable, the substance itself is not burned but decomposes on heating and may cause corrosive / toxic fumes
	Amorphous, fumed silica	May cause irritating, corrosive and toxic gases in case of fire
	Methyltriacetoxysilane	Container may explode on heating
	Methyltriacetoxysilane	Some may generate flammable hydrogen gas on contact with metal
	Methyltriacetoxysilane	Non-flammable, the substance itself is not burned but decomposes on heating and may cause corrosive / toxic fumes
	Methyltriacetoxysilane	Some may ignite flammable materials with oxidants
	Methyltriacetoxysilane	Toxic: inhalation, ingestion, skin contact may result in serious injury and death.
	Methyltriacetoxysilane	Contact with molten material may cause severe skin and eye burns.
	Methyltriacetoxysilane	May cause irritating, corrosive and toxic gases in case of fire
	Polydimethylsiloxane	Stable at normal temperature and pressure
	Polydimethylsiloxane	Container may explode on heating
	Polydimethylsiloxane	Some are burned but not easily ignited
	Polydimethylsiloxane	May cause irritation and poisonous gas in case of fire
	Polydimethylsiloxane	Inhalation of the substance may be harmful
	Polydimethylsiloxane	Some fluids may cause dizziness, suffocation-inducing vapors
terminated	Siloxanes and Silicones, di-Me, hydroxy-	Stable at normal temperature and pressure
terminated	Siloxanes and Silicones, di-Me, hydroxy-	Container may explode on heating
terminated	Siloxanes and Silicones, di-Me, hydroxy-	Some are burned but not easily ignited
terminated	Siloxanes and Silicones, di-Me, hydroxy-	May cause irritation and poisonous gas in case of fire
terminated	Siloxanes and Silicones, di-Me, hydroxy-	Inhalation of the substance may be harmful
terminated	Siloxanes and Silicones, di-Me, hydroxy-	Some fluids may cause dizziness, suffocation-inducing vapors

### 10.2 Conditions to avoid

	Amorphous, fumed silica	Heat source, spark, flame, etc.
	Methyltriacetoxysilane	Heat source
	Polydimethylsiloxane	Heat source, spark, flame, etc.
terminated	Siloxanes and Silicones, di-Me, hydroxy-	Heat source, spark, flame, etc.

### 10.3 Substances to avoid

	Amorphous, fumed silica	Combustible materials, reducing materials
	Methyltriacetoxysilane	Combustible materials, reducing materials
	Methyltriacetoxysilane	Metal
	Polydimethylsiloxane	Combustible materials
	Polydimethylsiloxane	Irritant, toxic gas
terminated	Siloxanes and Silicones, di-Me, hydroxy-	Combustible materials
terminated	Siloxanes and Silicones, di-Me, hydroxy-	Irritant, toxic gas
	라. 분해시 생성되는 유해물질	
	Amorphous, fumed silica	Corrosive / toxic fume
	Amorphous, fumed silica	Irritating, corrosive, toxic gas
	Methyltriacetoxysilane	During burning, pyrolysis or combustion can produce irritating and highly toxic gases.
	Methyltriacetoxysilane	Corrosive / toxic fume
	Polydimethylsiloxane	No data
terminated	Siloxanes and Silicones, di-Me, hydroxy-	No data

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information about possible routes of exposure

Amorphous, fumed silica	Exposure to respiration can cause pneumoconiosis in large quantities of inhalation May cause nausea, vomiting and diarrhea by stimulating the stomach. Exposed to skin contact Exposed by eye contact
Methyltriacetoxysilane	Inhalation may cause irritation, corrosion, toxicity as well as muscle defects. May cause irritation or corrosion when inhaled. May cause irritation or corrosion when in contact with eyes
Polydimethylsiloxane	Can absorb body by inhalation
Polydimethylsiloxane	Can be absorbed by inhalation and extinguisher
Polydimethylsiloxane	Through skin, digestive system, can absorb body by inhalation of aerosol
Polydimethylsiloxane	Absorption of body by inhalation of steam
Polydimethylsiloxane	Can be absorbed by inhalation, skin and digestive system
Siloxanes and Silicones, di-Me, hydroxy-terminated	Can absorb body by inhalation
Siloxanes and Silicones, di-Me, hydroxy-terminated	Can be absorbed by inhalation and extinguisher
Siloxanes and Silicones, di-Me, hydroxy-terminated	Through skin, digestive system, can absorb body by inhalation of aerosol
Siloxanes and Silicones, di-Me, hydroxy-terminated	Absorption of body by inhalation of steam
Siloxanes and Silicones, di-Me, hydroxy-terminated	Can be absorbed by inhalation, skin and digestive system

### 11.2 Health hazard information

#### Acute toxicity

##### Oral

Amorphous, fumed silica	LD50 > 3100 mg/kg Rat
Methyltriacetoxysilane	LD50 1602 ~ 2850 mg/kg Rat
Polydimethylsiloxane	LD50 > 17000 mg/kg Rat
Siloxanes and Silicones, di-Me, hydroxy-terminated	LD50 > 64 mg/kg Rat (Labor Department 3)

##### Percutaneous

Amorphous, fumed silica	자료없음
Methyltriacetoxysilane	자료없음
Polydimethylsiloxane	LD50 > 2000 mg/kg Rabbit
Siloxanes and Silicones, di-Me, hydroxy-terminated	LD50 > 16 mg/kg Rabbit (Labor Department 1)

##### Inhalation

Amorphous, fumed silica	자료없음
Methyltriacetoxysilane	자료없음
Polydimethylsiloxane	자료없음
Siloxanes and Silicones, di-Me, hydroxy-terminated	자료없음

##### Skin corrosive or irritant

Amorphous, fumed silica	No skin irritation reported
Methyltriacetoxysilane	Causes mild irritation and skin irritation.
Polydimethylsiloxane	자료없음
Siloxanes and Silicones, di-Me, hydroxy-terminated	자료없음

##### Severe eye damage or irritation

Amorphous, fumed silica	No eye irritation reported
Methyltriacetoxysilane	Animal eyes cause moderate irritation.
Polydimethylsiloxane	Eye Standard Draze Test Rabbit Quantity: 100 mg / 1H: Reaction: Mild (light stimulus)
Siloxanes and Silicones, di-Me, hydroxy-terminated	자료없음

	Respiratory sensitization	
	Amorphous, fumed silica	자료없음
	Methyltriacetoxysilane	자료없음
	Polydimethylsiloxane	자료없음
	Siloxanes and Silicones, di-Me, hydroxy-	자료없음
terminated	Skin sensitization	
	Amorphous, fumed silica	No skin sensitization reported in humans
	Methyltriacetoxysilane	자료없음
	Polydimethylsiloxane	자료없음
	Siloxanes and Silicones, di-Me, hydroxy-	자료없음
terminated	Carcinogenicity	
	Industrial Safety and Health Act	
	Amorphous, fumed silica	자료없음
	Methyltriacetoxysilane	자료없음
	Polydimethylsiloxane	자료없음
	Siloxanes and Silicones, di-Me, hydroxy-	자료없음
terminated	Notice of Ministry of Employment and Labor	
	Amorphous, fumed silica	자료없음
	Methyltriacetoxysilane	자료없음
	Polydimethylsiloxane	자료없음
	Siloxanes and Silicones, di-Me, hydroxy-	자료없음
terminated	IARC	
	Amorphous, fumed silica	Group 3 (Silica, amorphous )
	Methyltriacetoxysilane	자료없음
	Polydimethylsiloxane	자료없음
	Siloxanes and Silicones, di-Me, hydroxy-	자료없음
terminated	OSHA	
	Amorphous, fumed silica	자료없음
	Methyltriacetoxysilane	자료없음
	Polydimethylsiloxane	자료없음
	Siloxanes and Silicones, di-Me, hydroxy-	자료없음
terminated	ACGIH	
	Amorphous, fumed silica	자료없음
	Methyltriacetoxysilane	자료없음
	Polydimethylsiloxane	자료없음
	Siloxanes and Silicones, di-Me, hydroxy-	자료없음
terminated	NTP	
	Amorphous, fumed silica	자료없음
	Methyltriacetoxysilane	자료없음
	Polydimethylsiloxane	자료없음
	Siloxanes and Silicones, di-Me, hydroxy-	자료없음
terminated	EU CLP	
	Amorphous, fumed silica	자료없음
	Methyltriacetoxysilane	자료없음
	Polydimethylsiloxane	자료없음
	Siloxanes and Silicones, di-Me, hydroxy-	자료없음
terminated	Germ cell mutagenicity	
	Amorphous, fumed silica	In vivo / In vitro tests There was no evidence that this substance caused mutations In any of the tests. - Genotoxicity effects do not occur when exposed to this material.
	Methyltriacetoxysilane	- negative in vitro bacterial genetic mutation test Structural and CHO cells did not induce chromosome mutations.
	Polydimethylsiloxane	자료없음
	Siloxanes and Silicones, di-Me, hydroxy-	자료없음
terminated	Reproductive toxicity	
	Amorphous, fumed silica	자료없음
	Methyltriacetoxysilane	Animal tests showed no effect on birth rate, fetal weight, implantation, survival rate

	Polydimethylsiloxane	자료없음
terminated	Siloxanes and Silicones, di-Me, hydroxy-	자료없음
	Specific target organ toxicity (single exposure)	
	Amorphous, fumed silica	Short-term exposure may cause respiratory irritation.
	Methyltriacetoxysilane	Inhalation stimulates airway
	Polydimethylsiloxane	자료없음
terminated	Siloxanes and Silicones, di-Me, hydroxy-	자료없음
	Specific target organ toxicity (repeated exposure)	
	Amorphous, fumed silica	After two years of long-term application, evidence for reversible effects in this material could not be explained, and at high doses, there was only a slight increase in tissue weight or growth delay from time to time. - showed normal lung reaction.
	Methyltriacetoxysilane	자료없음
	Polydimethylsiloxane	자료없음
terminated	Siloxanes and Silicones, di-Me, hydroxy-	자료없음
	Inhalation hazard	
	Amorphous, fumed silica	자료없음
	Methyltriacetoxysilane	자료없음
	Polydimethylsiloxane	자료없음
terminated	Siloxanes and Silicones, di-Me, hydroxy-	자료없음

## 12. ECOLOGICAL INFORMATION

### 12.1. Ecotoxicity

	Fish	
	Amorphous, fumed silica	자료없음
	Methyltriacetoxysilane	LC50 287.857 mg/l 96 hr
	Polydimethylsiloxane	LC50 37.79 mg/l 96 hr <i>Lepomis macrochirus</i>
terminated	Siloxanes and Silicones, di-Me, hydroxy-	자료없음
	Shellfish	
	Amorphous, fumed silica	자료없음
	Methyltriacetoxysilane	LC50 6845.844 mg/l 48 hr
	Polydimethylsiloxane	LC50 44.5 mg/l 48 hr <i>Daphnia magna</i>
terminated	Siloxanes and Silicones, di-Me, hydroxy-	자료없음
	Algae	
	Amorphous, fumed silica	자료없음
	Methyltriacetoxysilane	EC50 21.487 mg/l 96 hr
	Polydimethylsiloxane	자료없음
terminated	Siloxanes and Silicones, di-Me, hydroxy-	자료없음
	12.2. Persistence and degradability	
	Persistence	
	Amorphous, fumed silica	자료없음
	Methyltriacetoxysilane	log Kow 0.25
	Polydimethylsiloxane	자료없음
terminated	Siloxanes and Silicones, di-Me, hydroxy-	log Kow 2.43
	degradability	
	Amorphous, fumed silica	자료없음
	Methyltriacetoxysilane	자료없음
	Polydimethylsiloxane	자료없음
terminated	Siloxanes and Silicones, di-Me, hydroxy-	자료없음
	12.3. Bioaccumulation	
	Enrichment	
	Amorphous, fumed silica	자료없음
	Methyltriacetoxysilane	BCF 3.162

Polydimethylsiloxane	자료없음
terminated Biodegradability	BCF 14.77
Amorphous, fumed silica	자료없음
Methyltriacetoxysilane	자료없음
Polydimethylsiloxane	자료없음
terminated Siloxanes and Silicones, di-Me, hydroxy-	자료없음
12.4. Soil mobility	
Amorphous, fumed silica	자료없음
Methyltriacetoxysilane	자료없음
Polydimethylsiloxane	자료없음
terminated Siloxanes and Silicones, di-Me, hydroxy-	자료없음
12.5. Other harmful effects	
Amorphous, fumed silica	자료없음
Methyltriacetoxysilane	자료없음
Polydimethylsiloxane	자료없음
terminated Siloxanes and Silicones, di-Me, hydroxy-	자료없음

### 13. DISPOSAL CONSIDERATIONS

13.1 Disposal method	Dispose of contents and container in accordance with local regulations.
13.2 Disposal considerations	Dispose of contents/container to ...

### 14. TRANSPORT INFORMATION

14.1 UN Number (UN No.)	UN transport hazard classification not available
14.2. UN proper shipping name	Not applicable
14.3. Transport hazard class(es)	Not applicable
14.4. Packing group	Not applicable
14.5. Environmental hazards	No data
14.6 Special safety measures that the user needs or needs to know about transportation or transportation	
Emergency measures in case of fire	Not applicable
Emergency Action	Not applicable
14.7 Other International Transportation Regulations	
Air Transport (IATA-DGR)	Not subject to IATA regulations.

### 15. REGULATORY INFORMATION

15.1 Regulation by the Industrial Safety and Health Act	No data
15.2 Regulation by Chemical Substance Control Act	No data
15.3 Regulation under dangerous goods safety management law	No data
15.4 Regulation by waste management law	Designated waste
15.5 Other domestic and foreign regulations	
Domestic regulation	
Residual Organic Pollutant Control Act	Not available
Foreign regulation	
OSHA regulations	Not applicable
CERCLA regulations	Not applicable
US Administration Information(EPCRA 302 regulations)	Not applicable
US Administration Information(EPCRA 304 regulations)	Not applicable
US Administration Information(EPCRA 313 regulations)	Not applicable
US Administration Information(Rotterdam Convention material)	Not applicable
US Administration Information(Stockholm Convention substance)	Not applicable
US Administration Information(Montreal Protocol substance)	Not applicable
EU Classification information(Confirmed classification result)	Not applicable
EU Classification information(Danger phrases)	Not applicable
EU Classification information(Safety phrases)	Not applicable



## 16. OTHER INFORMATION

### 16.1 Source of material

Amorphous, fumed silica

- Corporate Solution From Thomson Micromedex(<http://csi.micromedex.com>)(Information on possible routes of exposure)
- Seton compliance resource center(<http://www.setonresourcecenter.com>)(Information on possible routes of exposure)
- OECD Screening Information Data Set(<http://cs3-hq.oecd.org/scripts/hpv/>)(Oral)
- OECD Screening Information Data Set(<http://cs3-hq.oecd.org/scripts/hpv/>)(Skin corrosive or irritant)
- OECD Screening Information Data Set(<http://cs3-hq.oecd.org/scripts/hpv/>)(Severe eye damage or irritation )
- OECD Screening Information Data Set(<http://cs3-hq.oecd.org/scripts/hpv/>)(Skin sensitization)
- International Uniform Chemical Information Database(IUCLID)(<http://ecb.jrc.it/esis/>)(Germ cell mutagenicity)
- OECD SIDS(<http://www.chem.unep.ch/irptc/sids/OECD/SIDS/silicates.pdf>)(Specific target organ toxicity (single exposure))
- International Programme on Chemical Safety(IPCS INCHEM)(<http://www.inchem.org/>)(Specific target organ toxicity (repeated exposure))
- OECD Screening Information Data Set(<http://cs3-hq.oecd.org/scripts/hpv/>)(Specific target organ toxicity (repeated exposure))
- OECD Screening Information Data Set(<http://cs3-hq.oecd.org/scripts/hpv/>)(Recommended use of the product)

Methyltriacetoxysilane

- OECD Screening Information Data Set(<http://cs3-hq.oecd.org/scripts/hpv/>)(Information on possible exposure routes)
- International Uniform Chemical Information Database(IUCLID)(<http://ecb.jrc.it/esis/>)(oral)
- OECD Screening Information Data Set(<http://cs3-hq.oecd.org/scripts/hpv/>)(skin corrosive or irritant)
- OECD Screening Information Data Set(<http://cs3-hq.oecd.org/scripts/hpv/>)(severe eye damage or irritation)
- OECD Screening Information Data Set(<http://cs3-hq.oecd.org/scripts/hpv/>)(Germ Cell Mutagenicity)
- OECD Screening Information Data Set(<http://cs3-hq.oecd.org/scripts/hpv/>)(reproductive toxicity)
- Ecological Structure Activity Relationships(ECOSAR)(fish)
- Ecological Structure Activity Relationships(ECOSAR)(shellfish)
- Ecological Structure Activity Relationships(ECOSAR)(aglea)
- OECD Screening Information Data Set(<http://cs3-hq.oecd.org/scripts/hpv/>)(Persistence)
- Quantitative Structure Activity Relation(QSAR)(Persistence)
- Quantitative Structure Activity Relation(QSAR)(Enrichment)
- Corporate Solution From Thomson Micromedex(<http://csi.micromedex.com>)(Recommended use of the product)
- Seton compliance resource center(<http://www.setonresourcecenter.com/MSDSs>)

Polydimethylsiloxane

- National Library of Medicine(NLM)(<http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?CHEM>)(Oral)
- National Library of Medicine(NLM)(<http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?CHEM>)(Percutaneous)
- Corporate Solution From Thomson Micromedex(<http://csi.micromedex.com>)(Severe eye damage or irritation )
- The ECOTOXicology database (ECOTOX)([http://cfpub.epa.gov/ECOTOX/quick\\_query.htm](http://cfpub.epa.gov/ECOTOX/quick_query.htm))(fish)
- The ECOTOXicology database (ECOTOX)([http://cfpub.epa.gov/ECOTOX/quick\\_query.htm](http://cfpub.epa.gov/ECOTOX/quick_query.htm))(shellfish)
- The Chemical Database, The Department of Chemistry at the University of Akron(<http://ull.chemistry.uakron.edu/erd>)

Siloxanes and Silicones, di-Me, hydroxy-terminated

- Corporate Solution From Thomson Micromedex(<http://csi.micromedex.com>)(Oral)
- Corporate Solution From Thomson Micromedex(<http://csi.micromedex.com>)(Percutaneous)
- Quantitative Structure Activity Relation(QSAR)(residual)
- Quantitative Structure Activity Relation(QSAR)(Enrichment)

16.2 Date First 2012-09-24

16.3 Revision number and date

Revision number 2 time  
Revision Date 2017-09-01

16.4 Etc.

○ The MSDS (Material Safety Data Sheet) is edited or partially corrected by referring to the MSDS provided by KOSHA (Korea Occupational Safety and Health Agency)